

SESWANA MATHEMATICS

National Curriculum Statement (NCS)

*Curriculum and Assessment
Policy Statement*

CAPS

STRUCTURED. CLEAR. PRACTICAL

HELPING TEACHERS UNLOCK THE POWER OF NCS

Foundation Phase

Grade R



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

PEGELO YA PHOLISI YA KHARIKHULAMO LE TLHATLHOBO

MOPHATO R

DIPALO

DIPALO TSA MOPHATO R

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FOREWORD BY THE MINISTER



Our national curriculum is the culmination of our efforts over a period of seventeen years to transform the curriculum bequeathed to us by apartheid. From the start of democracy we have built our curriculum on the values that inspired our Constitution (Act 108 of 1996). The Preamble to the Constitution states that the aims of the Constitution are to:

- heal the divisions of the past and establish a society based on democratic values, social justice and fundamental human rights;
- improve the quality of life of all citizens and free the potential of each person;
- lay the foundations for a democratic and open society in which government is based on the will of the people and every citizen is equally protected by law; and
- build a united and democratic South Africa able to take its rightful place as a sovereign state in the family of nations.

Education and the curriculum have an important role to play in realising these aims.

In 1997 we introduced outcomes-based education to overcome the curricular divisions of the past, but the experience of implementation prompted a review in 2000. This led to the first curriculum revision: the *Revised National Curriculum Statement Grades R-9* and the *National Curriculum Statement Grades 10-12* (2002).

Ongoing implementation challenges resulted in another review in 2009 and we revised the *Revised National Curriculum Statement* (2002) and the *National Curriculum Statement Grades 10-12* to produce this document.

From 2012 the two National Curriculum Statements, for *Grades R-9* and *Grades 10-12* respectively, are combined in a single document and will simply be known as the *National Curriculum Statement Grades R-12*. The *National Curriculum Statement for Grades R-12* builds on the previous curriculum but also updates it and aims to provide clearer specification of what is to be taught and learnt on a term-by-term basis.

The *National Curriculum Statement Grades R-12* represents a policy statement for learning and teaching in South African schools and comprises of the following:

- (a) Curriculum and Assessment Policy Statements (CAPS) for all approved subjects listed in this document;
- (b) *National policy pertaining to the programme and promotion requirements of the National Curriculum Statement Grades R-12*; and
- (c) *National Protocol for Assessment Grades R-12*.

A handwritten signature in black ink, appearing to read "Motsekga".

**MRS ANGIE MOTSEKGA, MP
MINISTER OF BASIC EDUCATION**

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KGAOLO 1: MATSENO LE LEMORAGO

1.1 LEMORAGO

Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12 (NCS) e tthalosa pholisi ya kharikhulamo le tlhatlhobo mo dikolong ka tlhomamo.

Go tokafatsa tiragatso e, Pegelo ya Kharikhulamo ya Bosetšhaba e ne ya mametlelewa ka dimametlelelo tse di tla diragadiwang ka Ferikgong 2012. Tokomana e le nngwe e e sobokantsweng ya Pholisi ya Kharikhulamo le Tlhatlhobo ya serutwa se sengwe le se sengwe, e ne ya kwalwa go emisetsa Dipegelo tsa Dirutwa, Dikaedi tsa Lenaneothuto le Dikaedi tsa Tlhatlhobo ya Dirutwa Mephato ya R - 12 tsa bogologolo.

Pegelo ya Kharikhulamo ya Bosetšhaba ya Mephato R - 12 e e tlhabolotsweng: Pholisi ya Kharikhulamo le Tlhatlhobo (Ferikgong 2012) e emisetsa Pegelo ya Kharikhulamo ya Bosetšhaba Mephato ya R - 9 (2002) le Pegelo ya Kharikhulamo ya Bosetšhaba Mephato ya 10 - 12 (2004).

1.2 THADISO

- (a) *National Curriculum Statement Grades R - 12 (Ferikgong 2012)* e emela pegelo ya pholisi ya go ithuta le go ruta mo dikolong tsa Aforika Borwa mme e na le tse di latelang:
 - (i) Pegelo ya Pholisi ya Kharikhulamo le Tlhatlhobo ya serutwa sengwe le sengwe sa sekolo se se amogetsweng;
 - (ii) Pegelo ya Pholisi ya, *National policy pertaining to the programme and promotion requirements of the National Curriculum Statement Grades R - 12; le*
 - (iii) Pegelo ya Pholisi ya, *National Protocol for Assessment Grades R - 12 (Ferikgong 2012)*.
- (b) The *National Curriculum Statement Grades R - 12 (Ferikgong 2012)* e emela dipegelo tse pedi tsa kharikhulamo ya bosetšhaba tsa ga jaana, tsona ke:
 - (i) *Revised National Curriculum Statement Grades R - 9, Government Gazette No. 23406 of 31 May 2002*, le
 - (ii) *National Curriculum Statement Grades 10 - 12 Government Gazettes, No. 25545 of 6 October 2003 and No. 27594 of 17 May 2005*.
- (c) Dipegelo tsa kharikhulamo tsa bosetšhaba tse di akanngwang go ka dirisiwa mo ditemanapotlana tsa (a) le (b) di na le dipegelo tsa pholisi tse di latelang tse di tla khutlisiwang ka tatelano ke *National Curriculum Statement Grades R - 12 (Ferikgong 2012) mo pakeng ya go tloga ka 2012-2014*:
 - (i) Lekala la Thuto/Lenaneo la Serutwa, Dikaedi tsa Lenaneothuto, Dikaedi tsa Tlhatlhobo ya Dirutwa tsa Mephato R - 9 le Mephato 10 - 12;
 - (ii) Pegelo ya Pholisi ya *National Policy on assessment and qualifications for schools in the General Education and Training Band d*, e e tlhamilweng sešwa mo *Government Notice No. 124 in Government Gazette No. 29626 of 12 February 2007*;
 - (iii) Pegelo ya Pholisi ya the *National Senior Certificate: A qualification at Level 4 on the National Qualifications Framework (NQF)*, e e tlhamilweng sešwa mo *Government Gazette No.27819 of 20 July 2005*;

- (iv) Pegelo ya Pholisi ya *An addendum to the policy document, the National Senior Certificate: A qualification at Level 4 on the National Qualifications Framework (NQF), e e mabapi le barutwana ba ba nang le ditlhokego tse di kgethegileng*, e e phasaladitsweng mo *Government Gazette, No.29466 of 11 December 2006*, e akarereditswe mo pegelong ya pholisi ya *National policy pertaining to the programme and promotion requirements of the National Curriculum Statement Grades R - 12; le*
- (v) Pegelo ya Pholisi ya *An addendum to the policy document, the National Senior Certificate: A qualification at Level 4 on the National Qualifications Framework (NQF), e e mabapi le the National Protocol for Assessment (Grades R - 12)*, e e tlhamilweng sešwa mo *Government Notice No.1267 in Government Gazette No. 29467 of 11 December 2006*.
- (c) Pegelo ya Pholisi ya *National policy pertaining to the programme and promotion requirements of the National Curriculum Statement Grades R - 12*, le dikarolo tse di mo Pholising ya Khaikhulamo le Tlhatlhobo jaaka e akanngwang mo Dikgaolong 2, 3 le 4 tsa pegelo e, tse di agang melao le boleng jwa *National Curriculum Statement Grades R - 12*. Ka jalo go ya ka karolo 6A ya *South African Schools Act, 1996 (Act No. 84 of 1996)*, e aga motheo o Tona ya Thuto ya Motheo e ka tlhomamisang dipolo tse di lekaneng tsa boleng, gammogo le thulaganyo le tsamaiso ya tlhatlhobo ya diphitlhelelo tsa barutwana e e ka dirisiwang mo dikolong tsa botlhе le mo dikolong tse di ikemetseng ka nosi.

1.3 MAITLHOMO A KAKARETSO A KHARIKHULAMO YA AFORIKA BORWA

- (a) *Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12* e tlhagisa kitso, dikgono le meetlo e e tshwanelwang ke go ithutiwa mo dikolong tsa Aforika Borwa. Kharikhulamo e ikaeela go netefatsa gore barutwana ba bona le go diragatsa kitso le dikgono ka ditsela tse di nang le bokao mo matshelong a bona. Mo ntlheng e, kharikhulamo e godisa kakanyo ya go tsepamisa kitso ka bokao jwa tikologo, e ntse e sisimoga (tsibogela) botlhokwa jwa lefatshe ka bophara.
- (b) Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12, e arabela maikaelelo a:
- go tlamela barutwana, go sa kgathalesege lemorago la ikonomi ya loago, lotso, bong, bokgoni jwa mmele kgotsa bokgoni jwa bothhale, le kitso, dikgono le meetlo tse di tlhogegang go ikgotsofatsa le botsayakarolo jo bo nang le bokao mo loagong jaaka baagi ba naga e e gololosegileng;
 - e tlamela phitlhelelo ya thuto e e kwa godimo;
 - go kaela photogelo ya barutwana go tswa go thuto ya ditheo go ya go lefelo la tiro; le
 - go tlamela bathati ka tshedimosetso e e lekaneng ya dikgono tsa morutwana.
- (c) Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12 e ikaegile ka metheo e e latelang:
- *Phetogo ya loago*; e netefatsa gore go sa lekalekaneng mo go tsa thuto go go fetileng go a siamisiwa, le gore ditšhono tse di lekalekanang tsa thuto di neelwa baagi botlhе;
 - *Go ithuta go go tlhaga gape go tseneletse*, go rotloetsa molebo o o tlhaga e le o o tseneletseng mo thutong, boemong jwa go rutiwa ga go neelwa dinnete go se tlhaga e bile go sa tsenelela;
 - *Kitso e e kwa godimo le dikgono tse di kwa godimo*; bonnye jwa maemo a kitso le dikgono tse di tshwanetseng go fithelelwа mo mophatong o mongwe le o mongwe di totobaditswe le go beelwa seemo se se kwa godimo, seemo se se fithelegang mo dirutweng tsotlhе;

- *Tsweletso*; diteng le bokao jwa mophato o mongwe le o mongwe di supa tsweletso go tloga go e e bonolo go fitlha go e e gwtlhlang tlhaloganyo;
 - *Ditshwanelo tsa botho, boakaretsi, bosiamisi jwa tikologo le loago*; go tsenyeletsa melawana le ditlwaelo tsa bosiamisi jwa tikologo le loago le ditshwanelo tsa botho jaaka di tlhalosiwa mo Molaatheong wa Aforika Borwa. Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12. (Ka kakaretso) e bosisi mo dintlheng tsa dipharologano di tshwana le lehuma, go tlhoka tekatekano, lotso, bong, puo, kgolo, bogole le dintlha tse dingwe.
 - *Go totobatsa botlhokwa jwa tsamaiso ya kitso ditso*; go lemoga ditiragalo (hisetori) le boswa jo bo humileng jwa naga e jaaka dintlha tse di botlhokwa tse di nonotshang meetlo e e leng teng mo Molaatheong; le
 - *Go ikanyega, boleng le nonofo*; go tlamela thuto e e ka bapisiwang le ya dinaga tse dingwe ka boleng, go anama le boteng
- (d) Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R - 12 e ikaeleta go tlhagisa barutwana ba ba kgonang go:
- lemoga le go rarabolola mathata gape ba tsaya ditshwetso ba akanya ka tsenelelo e bile ba na le boithamedi.
 - dira ka katlego ba le bosi, kana ba na le ba bangwe e le karolo ya sethophapha;
 - ithulaganya, go itsamaisa le go tsamaisa ditiro tsa bona ka boikarabelo le ka nonofo.
 - kgobokanya, sekaseka, rulaganya le go tlhatlhoba tshedimosetso ka tsenelelo;
 - tlhaeletsana ka nonofo ba dirisa dikgono tsa pono, matshwao kgotsa dikgono tsa puo mo mekgweng e e farologaneng;
 - dirisa saense le thekenoloji ka nonofo le ka tsenelelo ba supa boikarabelo mo tikologong le mo boitekanelong jwa ba bangwe; le
 - bontsha go tlhaloganya lefatshe jaaka thulaganyo ya ditsamaiso tse di amanang ka go lemoga gore dikaelo tsa tharabololo ya mathata ga di tlhagelele di le tsosi.
- (e) Boakaretsi bo tshwanetse go nna karolokônôkônô ya thulaganyo, ipaakanyo le go ruta mo sekolong se sengwe le se sengwe. Se, se ka diragala fa fela barutabana botlhe ba na le tlhaloganyo e e edileng ya go lemoga le go arabela dikgoreletsi tsa go ithuta le go rulaganyetsa dipharologano.

Ntlhakgolo mo go tsamaiseng boakaretsi ke go netefatsa gore dikgoreletsi di a lemogiwa le go arabelwa ke ditlhophpha tsotlhe tsa tshegetso mo loagong lwa sekolo, go akaretsa barutabana, ditlhophpha tsa tshegetso tsa dikgaolothuto, ditlhophpha tsa tshegetso tse di mo ditheong, batsadi le dikolo tse di kgethegileng jaaka ditikitikwe tse di tswelang morafe mosola ka kakaretso. Go arabela dikgoreletsi mo phaposiborutelong, barutabana ba tshwanetse go dirisa ditogamaano tse di farologaneng tsa dipharologano tsa Kharikhulamo jaaka tse di akareditsweng mo Dikaeding tsa Go Ruta le Go Ithuta ga Boakaretsi tsa Lefapha la Thuto ya Motheo (2010). (*Department of Basic Education's Guidelines for inclusive teaching and learning (2010)*).

DIPALO TSA MOPHATO R

1.4 KABO YA NAKO

1.4.1 Kgato ya Motheo

- (a) Nako ya go ruta ya dirutwa tsa Kgato ya Motheo tse di kailweng mo lenaneong le le fa tlase:

SERUTWA	MOPHATO R (DIURA)	MEPHATO 1-2 (DIURA)	MEPHATO 3 (DIURA)
Puo ya Gae	10	7/8	7/8
Puo Tlaleletso ya Ntlha		2/3	3/4
Dipalo	7	7	7
Dikgono tsa Botshelo	6	6	7
Kitso ya Tshimologo	(1)	(1)	(2)
Boitlhamedi mo go tsa Botswersetshi	(2)	(2)	(2)
Thuto ya Ikatiso ya Mmele	(2)	(2)	(2)
Thuto ya boitekanelo jwa motho le loago	(1)	(1)	(1)
GOTLHE	23	23	25

- (b) Nako ya go ruta ya Mephato R, 1 le 2 ke diura di le 23 mme ya Mophato 3 ke diura di le 25.
- (c) Diura di le 10 mo dipuong di abetswe Mephato R-2 mme diura di le 11 ke tsa Mophato 2. Bogolo jwa diura di le 8 le bonnye jwa diura di le 7 di abetswe Puo ya Gae, bonnye jwa diura di le 2 le bogolo jwa diura di le 3 di abetswe Puotlaleletso mo mephatong R-2. Mo mophatong wa 3 bogolo jwa diura di le 8 le bonnye jwa diura di le 7 di abetswe Puo ya Gae fa bonnye jwa diura di le 3 le bogolo jwa diura di le 4 di abetswe Puotlaleletso ya Ntlha.
- (d) Mo serutweng sa Dikgono tsa Botshelo, Kitso ya Tshimologo e abetswe ura e le 1 mo mephatong ya R-2 le diura di le 2 jaaka go kailwe ka diura tse di mo masakaneng mo mophatong wa 3.

1.4.2 Kgato ya Magareng

- (a) Nako ya go ruta ya dirutwa tsa Kgato ya Magareng tse di kailweng mo lenaneong le le fa tlase:

SERUTWA	DIURA
Puo ya Gae	6
Puo Tlaleletso ya Ntlha	5
Dipalo	6
Disaense tsa Tlhago le Thekenoloji	3,5
Disaense tsa Loago	3
Dikgono tsa Botshelo	4
Boitlhamedi mo go tsa Botswersetshi	(1,5)
Thuto ya Ikatiso ya Mmele	(1)
Thuto ya boitekanelo jwa motho le loago	(1,5)
GOTLHE	27,5

1.4.3 Kgato e Kgolwane

Nako ya go ruta ya dirutwa tsa Kgato ya Kgolwane tse di kailweng mo lenaneong le le fa tlase:

SERUTWA	DIURA
Puo ya Gae	5
Puo Tlaleletso ya Ntlha	4
Dipalo	4,5
Disaense tsa Tlhago	3
Disaense tsa Loago	3
Thekenoloji	2
Disaense tsa Botsamaisi le Ikonomi	2
Tebanyo le Botshelo	2
Botswersetshi le Setso	2
GOTLHE	27,5

1.4.4 Mephato 10-12

- (a) Nako ya go ruta ya dirutwa tsa Mephato 10 - 12 tse di kailweng mo lenaneong le le fa tlase:

SERUTWA	KABO YA NAKO MO BEKENG (DIURA)
Puo ya Gae	4.5
Puo Tlaleletso ya Ntlha	4.5
Dipalo	4.5
Tebanyo le Botshelo	2
Bonye jwa dirutwa dingwe le dingwe fela tse tharo di tlhopihiwa go tswa mo Setlhopheng sa B <u>Mametlelelo</u> <u>B. Mananeo B1-B8</u> a pegelo ya pholisi ya <i>National policy pertaining to the programme and promotion requirements of the National Curriculum Statement Grades R – 12</i> , e le mabapi le go ya ka mabaka a a botswana pele go dumelanwa ka ona mo ditemaneng tsa 28 tsa pegelo ya pholisi e e bolelwang.	12 (3x4h)

Nako e e abilweng ya beke e ka dirisediwa bonnye dirutwa tsa NCS tse di tlhogegang jaaka go kailwe fa godimo, e bile e se ke ya dirisediwa dirutwa dipe tsa tlaleletso tse di okeditweng mo lenaneong la dirutwa. Fa morutwana a ka eletsa go oketsa dirutwa, nako e e okeditweng e abelwe go rutiwa ga dirutwa tse.

KGAOLO 2: DITLHALOSO, MAIKAELELO, DIKGONO LE DITENG

2.1 MATSENO

Kgaolo 2 ya Thuto ya Dipalo tsa Kgato Motheo mo Pegelong ya Polisi ya Bosetšhaba ya Kharikhulamo le Tlhatlhobo e neela barutabana ka tlhaloso ya dipalo, maikaelelo a a tsepameng, dikgono tse di tsepameng, tsepamiso mo diteng tsa serutwa, bokete jwa diteng tsa serutwa, didiriswa tsa tsa dithutiso tsa dipalo tse di atlegenesitsweng thuto ya kgato ya motheo, dikaelothuto tse di tshitshintsweng go thusa barutwana ba nang le mathata a go ithuta dipalo, dipalo-tlhogo le go godisa thuto ya bokgoni jwa go ithuta dipalo mo Mophatong wa R.

2.2 DIPALO KE ENG?

Dipalo ke puo e e dirisang matšhwao le mokwalopalo o o tlhalosang botsalano jwa ditlhakapalo, thuto tekatekanyo le dikerapo. Ke tirwana ya botho e e akaretsang go lebelela, go bapisa le go batlisisa dipaterone le boleng botsalano jwa dilo tse di bonagalang le tsa loago le fa gare ga didiriswa tsa dipalo ka botsona. E thusa go aga mekgwa ya go akanya e e latelanang le go nagana ka tshekatsheko, nepagalo le tharabololo ya dipalo tse di abelanang le go tsaya ditshwetso.

2.3 MAIKAELELO A A TOTOBETSENG

Maikaelo a go rutiwa le go ithuta dipalo a tsepamedisitswe mo go ageng tse di latelang mo morutwaneng:

- Tshekatsheko temoso ya botsalano jwa dipalo e dirisitsweng jang mo loagong, tikologong, tsa setso le mo botsalanong jwa tsa ikonomi.
- Go itshepa le bokgoni go lebagana le maemo a dipalo kwa ntle ga go kgorelediwa ke letshogo la dipalo
- Moya wa gonna le lerato la dipalo
- Kanaanelo le bontle jwa dipalo
- Temogo ya gore dipalo ke karolo ya botsweretshi ya botho
- Kgopolole tlhaloganyo e e tseneletseng e e tla dirang gore dipalo di nne le bokao
- Kamogelo ya kitso e e totobetseng le dikgono tse di tlhokagalang go
 - dirisa dipalo ka tsela e e bonagalang, mo loagong le mo mathateng a dipalo
 - ithuta diteng tsa serutwa se se maleba
 - Go ithutela pele mo dipalong

2.4 DIKGONO TSE DI TOTOBETSENG

Go godisa dikgono tsa botlhokwa tsa dipalo morutwana o tshwanetse go

- godisa tiriso ya puo ya dipalo
- godisa tlolofoko ya dipalo, kgopolopalo le go tlhakanya le dikgono tsa go dira dipalo
- ithuta go reetsa, go buisana, go nagana ka tatelano le go dirisa kitso ya dipalo e e ithutilweng
- ithuta go batlisisa, go lokolola, go Bapisa le go ranola tshedimosetso
- ithuta go botsa le go rarabolola dipalo

- Aga boitemogelo mo karolong e e bothokwa e dipalo di e tshamekang mo maemong bonnete a matshelo a rona, go akaretsa kgolo ya morutwana ka boene

2.5 TSEPAMO MO DITENG TSA SERUTWA

Dipalo mo khatong ya motheo o di akaretsa diteng tsa dirutwa di le tlhano. Diteng tsa serutwa sengwe le sengwe di abelana ka kamogelo ya dikgono tse di totobetseng. Lenaneo le le fa tlase le supetsa tsepamo mo diteng tsa serutwa ga mmogo le tsepamo e e totobetseng mo diteng tsa dirutwa tsa thuto ya kgato motheo

Lenaneo 2.1 Tsepamo mo diteng tsa dipalo tsa thuto kgato motheo

KITSO YA DITENG TSA DIPALO		
Diteng tsa serutwa	Tsepamo mo diteng ka kakaretso	Tsepamo e e totobetseng mo diteng tsa kgato ya thuto motheo
Dipalo, diopereishene le botsalano	<p>Kgodiso mo bokaong jwa dipalo e akaretsa</p> <ul style="list-style-type: none"> bokao jwa dipalo tse di farologaneng Botsalano mo dipalong tse di farologaneng Kamano bogolo ya dipalo tse di farologaneng ditsela tse di farologaneng tsa tshwantshiso ya dipalo Kgono ya go dira ka dipalo 	<p>Palo tekanyo e e godisiwang go ya kwa bokhutlong jwa mophato wa 3 e akaretsa palotlalo ya bonnye jo bo ka nang ka 1000 le dipalophatlo tse di tshwanang. Mo khatonge, palokgopolole ya barutwana e godisiwa ka go dira ka go bala didiriswa tse di kgobokantsweng, kgaogano le go kopanya bogotlhe ba tsona, o bala o tlodisa ka tsela tse di farologaneng, rarabolola dipalo tsa mafoko le go aga le go tlhatlhaholola dipalo</p> <ul style="list-style-type: none"> Go bala go godisa bokgoni jwa barutwana jwa go itse kgoplopalo, dipalo tsa tlhogo, phopholetso, go tlhakanya le temogo ya dipaterone Kgodiso ya kgoplopalo e thusa barutwana go ithuta ka ga dipharologantsho tsa dipalo le kgodiso ya ditogamaano tsa go dira tlhakanyo bonolo Go rarabolola dipalo go ya ka maemo go naya barutwana bokgoni jwa go buisana ka dikakanyo tsa bona ka molomo le go di kwala ba dirisa ditshwantsho le matshwao Barutwana ba aga kutlwisiso mo diopereisheneng tsa go tlhakanya, go tlosa, go atisa le go arola Barutwana ba godisa kgopolo ya dipalophatlo ka go ranolola dipalo tse di akaretsang go aroganya didiriswa le go dirisa ditshwantsho. Dipalo di tshwanetse go akaretsa di tharabololo tse di neelang ka disala tsa palotlalo kgotsa dipaophatlo. Go aroganya go sekaga akaretsa fela go bona dikarolo mo selong se se feletseng mme gape le go bona dikarolo mo didirisweng tse di kgobokantsweng. Mo khatong e, ga go a solo felwa gore ba itse go bala le go kwala matshwao a dipalophatlo.

KITSO YA DITENG TSA DIPALO		
Diteng tsa serutwa	Tsepamo mo diteng ka kakaretso	Tsepamo e e totobetseng mo diteng tsa kgato ya thuto motheo
Dipaterone, tiriso le Alejebera	<p>Alejebera ke puo ya go batlisisa le go tlhaeletsa dipalo ka bontsi, e kcona le go atlosediwa mo thutong ya ditiriso le dikamano tse dingwe tse di fa gare ga dilo tse di fetofetogang. Mo karolong bogare jwa diteng tsa serutwa, morutwana a ka fitlhelela dikgono tse mo tirisong ya Alejebera. E tsepamedisitswe gape mo:</p> <ul style="list-style-type: none"> • tlhalosong ya dipaterone le kamano ka tiriso ya matshwao, kerafo le lenaneo, le • Tshupetso le go lokolola dilo tsa tlwaelo le phetogo mo dipateroneng, le kamano e e kgotlosang morutwana go dira ponelopele le go rarabolola dipalo 	<p>Mo kgatong e, barutwana ba dira</p> <ul style="list-style-type: none"> • popego palo ga mmogo (sekao go bala o tlodisa) • Dipaterone tsa thutatekano (sekao ditshwantsho) <p>Barutwana ba tshwanetse go dirisa didiriswa tse di bonalagaing, ditshwantsho le dipopego tsa matshwao go kopolola, go atolosa, tlhaosa le go bopa dipaterone,</p> <p>Go kopolola dipaterone go thusa barutwana go bona tatelano gore paterone e dirilwe jang.</p> <p>Go atolosa paterone go thusa morutwana go lekola gore a ba tlhalogantse tatelano ya paterone</p> <p>Go tlhalosa paterone go thusa morutwana go godisa dikgono tsa bona tsa puo.</p> <p>Tsepamiso mo tatelanong ya dipaterone e ala motheo mokgodisong ya dikgono tsa go nagana tsa Alejebera.</p> <p>Popegopal e tshegetsa kgodiso ya kgopolopalo le bokao jo bo agilweng mo dipalong, diopereishene le botsalano</p> <p>Dipaterone tsa thutatekano di akaretsa tatelano ya mela, dipopego le didiriswa mme gape le dipaterone tsa mo lefatsheng. Mo dipateroneng tsa thutatekano barutwana ba dirisa kitso ya bone ya boalo le popego.</p>
Boalo le popego	<p>Thuto ka ga boalo le popego e tsweletsa go tlhalogany le go ananeela dipaterone, nepagalo ya tsona, phitlhelelo le bontle jwa dipopego tsa tlholego le tsa setso. E tsepamedisitswe mo</p> <ul style="list-style-type: none"> • pharologantsho, botsalano • Kitsiso, maemo le • Diphetogo mo tekatekanyong ya dipopego pedi le didiriswa tekatekanyo tharo 	<p>Mo kgatong e, barutwana ba tsepamedisiwa mo didirisweng tsa tekatekanyong tharo (3-D), dipopego tekatekanyo tlhakore pedi (2-D), maemo le dikaelo.</p> <ul style="list-style-type: none"> • Barutwana ba utolola dipharologantsho tsa didiriswa tsa tekatekanyo tharo (3-D) le dipopego tekatekanyo tlhakore pedi (2-D) ka go di tlhp, ba di rulaganya, tlhalosa le go naya maina a tsone • Barutwana ba Bapisa dipopego lego aga ka didiriswa • Barutwana ba lemoga le go tlhalosa dipopego le didiriswa tse di tshwanang le dipopego tsa dipalo mo tikologong. • Barutwana ba tlhlosa maemo a didiriswa, a bone le a ba bangwe ba dirisa tlollofoko e e maleba • Barutwana ba la tela le neela ka dikaelo
Go lekanya	<p>Go lekanya go tsepamedisitswe mo tlhpong le tirisong ya diyuniti tse di maleba le difomula go lekanyetsa pharologantsho ya ditrafalo, dipopego, didiriswa mo tikologong. E nyalana ka tlhamalalo le lefatshe la morutwana la bonetetshi, bothekeniki le ekonomi, di kgonisa morutwana go</p> <ul style="list-style-type: none"> • dira phopholetso e e nang le bokao • Tsitsiboga mo go neeleng mabaka a go lekanya le dipholo 	<ul style="list-style-type: none"> • Mo kgatong e, kgopo ya barutwana ya go lekanya e godisiwa ka go dira ka ponagalo ka didiriswa tse di faroganeng le dipoego, go ithuta dipharologantsho tsa bolele, mothamo, bokete, boalo le nako • Barutwana ba lekanya dipharologantsho tsa dipopego le didiriswa ba dirisa ditsela tse di sa thomamang tse di malaba jaaka diatla, dikgato le ditshelo jalo jalo • Barutwana ba Bapisa dilekanyo tse di faroganeng ka go dirisa mafofo a tshwantshiso jaaka moleele go/ mokhutswana go, e boima thata/ e bofeso thata jalo jalo • Barutwana ba itsesiwe go diyuniti tse di tlhomameng jaaka digerama, dikilogerama, dimilimetara, diletara, disentimetara, dimetara. <p>Ditirwana tse di amanang le nako di tshwanetse go rulaganngwa go lemosa barutwana go tlhalogany tsamao ya nako pele ga a bala letsatsi ka nako.</p>

KITSO YA DITENG TSA DIPALO		
Diteng tsa serutwa	Tsepamo mo diteng ka kakaretso	Tsepamo e e totobetseng mo diteng tsa kgato ya thuto motheo
Go dira ka dipalo tsa tshedimosetso	<p>Ka go ithuta dipalo tse di dirang ka tshedimosetso, morutwana o godisa dikgono tsa go</p> <ul style="list-style-type: none"> • Kgobokanya, • Rulaganya, • le go supetsa, • Lokolola le go ranolola tshedimosetso e e neetsweng 	<p>Go rutiwa le go ithuta dipalo tsa tshedimosetso mo khatong ya motheo go tsepamedisitswe mo go tlhopheng didiriswa le tshedimosetso ka ditsela tse di farologaneng, go ikaegile ka ditebego tse di farologaneng tsa didiriswa kgotsa tshedimosetso</p> <ul style="list-style-type: none"> • Go solo felwa gore barutwana ba ranole le go aga dikerafa tse di dirisediwang ditshwantsho le keraphonoko e e supetsang nyalano ka bongwe-ka-bongwe mo tshedimosetsong e e neetsweng.

2.6 BOLENG JWA DITENG TSA SERUTWA

Boleng jwa diteng tsa serutwa sa dipalo e neela ka tshimologo ya mesola e mebedi: ga nthia boleng bo neela ka kaelo ya nako e e tlhokagalang go ruta ka bottalo diteng tse di mo serutweng se sengwe le sengwe; sa bobedi boleng bo neela ka kaelo mo go kgaoganyeng diteng tsa serutwa mo tlhatlhobong. Boleng jwa diteng tsa serutwa ga bo tshwane mo mophatong mongwe le mongwe wa kgato ya motheo.

Lenaneo 2.2 Boleng jwa diteng tsa serutwa mo thutong ya kgato motheo

BOLENG JWA DITENG TSA SERUTWA			
Diteng tsa serutwa	Mophato 1	Mophato 2	Mophato 3
Dipalo, diopereishene le dikgolagano*	65%	60%	58%
Dipaterone, tioriso le Alejebera	10%	10%	10%
Popego le boalo (Jeometeri)	11%	13%	13%
Go lekanya	9%	12%	14%
Go dira ka dipalo tsa tshedimosetso	5%	5%	5%
	100%	100%	100%

*Go botlhokwa gore tsepamo e nne mo dipalong, diopereishene le botsalano mo mophatong wa R. Letlelela barutwana go fetsa mo khatong ya motheo ba tshwanetse gore ba bo ba tlhomame go tlhaloganya bokao jwa dipalo le go Motlotlo ka diopereishene. Maikaelelo ka gore barutwana ban ne le bokgoni le go itshepa fa ba dira dipalo le go tlhakanya. Ka lebaka le, nako e e abetsweng dipalo, diopereishene le botsalano e okeditswe. Tiro ka bontsi e tshwanetse go tsepamedisiwa mo dopateroneng tsa dipalo go tiisa bokgoni jwa barutwana go dirisa dipalo

2.7 DIPALO MO THUTONG YA KGATO MOTHEO

Thuto ya kgato motheo e golaganya botshelo jwa ngwana jwa tshimologo ya sekolo le botshelo kwa ntle ga sekolo, mo letlhakoreng le lengwe dipalo kgopolole tse di rutiwang mo mepatong e e latelang di a golaganngwa. Mo mepatong ya nthia bana ba tshwanetse go tlhagisediwa maitemogelo a dipalo a a ba nayang ditshono tse dintsit tsa go dira, go Motlotlo le go rekota dikakanyo tsa bone tsa dipalo.

Kgoboko ya nako e e dirisediwang dipalo e na le tsenelelo mo kgodisong ya barutwana ya dikgopolole tsa dipalo le dikgono tsa bone. Ditirwana tse barutwana ba tshwanetseng go di dira gareng ga tse dingwe, ga e se go ba dira e ka re ba a dira mme fela ke gore ditirwana tse, di tsepamedisiwe mo dipalong jaaka go kailwe mo kharikhulamong.

2.7.1 Ditaelokaedi tse di tshitshintsweng tsa taolo ya phaposi

Nako yotlhe e e beetsweng go ruta dipalo mo letsatsing le le nosi, e tshwanetse go lebelelwaa jaaka pakathuto e le nngwe. Ka nako ya pakathuto ya dipalo, tse di latelang di tshwanetse go diragala:

- **Tirwana ya phaposi yotlhe**
 - Dipalo tsa tlhogo
 - Tiiso ya dikgopololo
 - Taolo ya phaposi (kabelano ya ditirwana tsa barutwana ka nosi)
- **Go ruta ditlhophapha tse dinnye**
 - Go bala
 - Kgodiso ya kgopolopalo (ka ditirwana tsa motlotlo le tiragatso)
 - Go rarabolola dipalo (ka ditirwana tsa motlotlo le tiragatso)
 - Rekota ka go kwala
 - Godisa ditogamaano tsa go tlhakanya (ka ditirwana tsa motlotlo le tiragatso)
 - Dipaterone
 - Boalo le popego
 - Go lekanya
 - Go dira ka dipalo tsa tshedimosetso
- **Tiro e e itirelwang ke barutwana**

Barutwana ba ikatisa le go tiisa kgodiso ya dikgopololo mo thutong ya phaposi le mo dithopheng tse dinnye.

Ditirwana tsa phaposi yotlhe: Tsepamo e tla dirwa bogolo segolo mo dipalong tsa tlhogo, tiiso ya dikgopololo le kabelano ya ditirwana tse barutwana ba di dirang ba le nosi mo metsotsong e le 20 ka letsatsi mo tshimologong ya thuto ya dipalo. Ka nako e, gape moratabana o dira le barutwana botlhe mo phaposing go tlhomamisa le go rekota leina la letsatsi, letlha, barutwana ba leng teng le be ba lofileng, le maemo a bosa. Dipalo tsa tlhogo di akaretsa tshimologo ya dipalo tsa tlhogo jaaka” palo morago ga/pele ga 8 ke, 2 gantsi/gannyne go feta 8 ke, 4+2;5+2;6+2 jalo jalo. Ka nako e, moratabana o kgona go dira dikgopololo tse di boimanyana. Se se leng botlhokwa gape ke gore moratabana a neele barutwana tirwana e e ba akaretsang botlhe ga mmogo le ditirwana tse di dirwang ke barutwana ka bongwe ka bongwe, a ntse a tsweletse ka tiro e e tsepamedisitsweng setlhophapha se se nnye kwa sekhlwaneng sa go ruta.

Setlhophapha se sennye se se tsepamedisitsweng dithutiso: di nna mosola fa moratabana a ruta setlhophapha se sennye sa barutwana (8-12), ba ba nang le bokgoni jo bo tshwanang mo dipalong/metsheng kgotsa fa lenaneo la dipalo, fa barutwana ba bangwe ba dira ditirwana tse ba dirang ba ikemetse. Moratabana o dira tiro ka go Motlotlo le tiro e e diragatswang(practical) le barutwana, go dira ditirwana tse di tshwanang le go bala, go fopholetsa, kgodiso ya kgopolopalo le ditirwana tsa tharabololo ya dipalo ga mmogo le ditirwana tse di malebana le dipaterone, boalo le popego, go lekanya le dipalo tsa go dira ka tshedimosetso go tshwanetse go rulaganyetswe.

Gore o kgone go tiisa go ithuta, tiro e e kwalwang (buka ya go dira, dikai papetlana ya tirwana, dikarata tsekedimo tsa tiro) o tshwanetse go tsaya karolo mo ditirong tsa ditlhophapha mo go kgonagalang teng. Barutwana ba tshwanetse go nna le didiriswa tsa go kwala (dibuka tsa dithutiso tsa phaposi jalo jalo) ditirwana tsa go ranola dipalo. Nako ya ditiro tsa ditlhophapha di tshwanetse go neela barutwana tshono ya go buisana le moratabana le barutwana ba tshwanetse go rotloediwa go tlota, go diragatssa le go rekota dikakanyo tsa bone tsa dipalo.

Barutabana ba tshwanetse go tlhokomela gore ba seka ba nyatsa barutwana ba bonya, ba tshwanetse go newa tshono ya go dira tiro ya nako telele. Go bonolo go nyalanya maemo o tiro e e boima go barutwana ba setlhophapha sa bokgoni jo bo tshwanang. Le fa go ntse jalo, ditlhophapha tsa bokgoni jo bo tlhakaneng di ka dira

sentle mo tirong ya go aga, fo lekanya le dira dipaterone kgotsa go dira ditirwana tsa go tlhopa kgotsa go tshameka metshameko

Ditirwana tse barutwana ba di itirelang: fa morutabana a ntse a tsweletse le setlhophap se se tsepamedisitsweng mo dithutong tsa kwa sekhlwaneng, barutwana ba bangwe ba tshwanetse gore ba dire ditiro tse di farologaneng tsa dipalo tse tsepamedisitsweng mo go tiiseng dikgopolole dikgono tse di setseng di rutilwe ka nako ya dithuto tse di tsepamedisitsweng ditlhophap tse dinnye. Ditirwana tse barutwana ba di itirelang di tshwanetse go farologanngwa go neelana ka bokgoni jwa maemo a a farologaneng. Ditirwana tse, di ka nna tsa akaretsa

- ditirwana tse di kwalelwang mo bukeng ya tiro
- papetlana ya tirwana/dikarata tsekedimo tsa tiro ya go bala, tiriso ya dipalo, dipalo tse di botlhoho (dipalo tsa mafoko)
- metshameko ya dipalo jaaka ludo, ditomino, diphasele tsa jiki saw
- Ditiro tse di akaretsang go aga, go tlhola, go dira dipaterone kgotsa go lekanya

Pakathuto ya dipalo e tshwanetse go neelana ka tshegetso ya barutwana ba itemogelang dikgoreletsi /mathata.

Ditirwana tse barutwana ba itirelang tsone ga mmogo le tsa dithuto tse di tsepamedisitsweng ditlhophap tse dinnye kwa sekhlwaneng, di tshwanetse go lebelelwa (tse di diragatswang, le tsa motlotlo), di tshwaiwe le go tlhokemelwa (tse di kwadilweng) ke morutabana jaaka karolo ya tlhatlhoba e e sa tlhomamang le e e tlhomameng.

Go latedisiwa ga dikarabo tsa barutwana (tsa puisano, motlotlo, tse di dirisegang, tse di kwalwang) mo maemomg a ba ithutang le go rutiwa mo go ona, di bontsha morutabana go tlhatlhoba ka tsela e e tswelang, go lekola tswelopele ya barutwana le go rulaganya tshegetso go ya ka dikgoreletsi tse ba itemogelang mo go ithuteng

2.7.2 Barutwana ba ba itemogelang dikgoreletsi mo go ithuteng

Go botlhokwa go akaretsa barutwana ba itemogelang mathata mo thutong e e tletseng ditiro tsa phaposi. Dikao tse di dirisang dithusa-thuto tse di bonagalang di tshwanetse go dirisiwa seba se leelee gonfa di tla tlogelwa ka bonko di ka baka tsielego le poelomorago mo thutong ya barutwana. Barutwana batshwanetse go neelwa nako e telele go:

- Feleletsa ditirwana tlhatlhoba le ditiro tsa phaposi
- Iponela bokgoni jwa go akanya (ditogamaano tsa bona).

Ditirwana tse di feditsweng, palo ya tsona e lekanyetswe go barutwana kwa ntle ga go sa eletlhoko se barutwana ba se itseng le bokgoni jwa bona bo sa lebelelwa .

2.7.3 Dipalo tsa tlhogo

Dipalo tsa tlhogo di tsaya karolo e kgolo mo kharikhulamong ya thuto ya motheo. Dintlha tsa Kgokagano ya dipalo le lenaane la katiso la dipalo tsa mophato mongwe le mongwe, tse barutwana ba soloftsweng go di itse kgotsa go di gakologelwa ka bonako di neetswe mo lenaaneng. Mo tlaleletsong, dipalo tsa tlhogo di ka dirisiwa ka phethelelo go thusa thata kgodisa kitso ya dipalo tse di kgolwane ka go dirisa mokgwa wa go bala o tlola le go bala o ya kwa godimo le kwa tlase mo palo sepagamo(number ladder) Sekao 796. Oketsa ka 7. Ke 803. Fokotsa ka 5 Ee ke 798. Oketsa ka 10... oketsa gape ka 2.....oketsa ka 90.....fokotsa ka 5 jalo jalo. Se, se ka thusa barutwana go dira molapalo wa dipalo tsa tlhogo.

DIPALO TSA MOPHATO R

Dipalo tsa tlhogo ka jalo di tlhagelela thata mmogo mo go baleng le mo dikarolong tsa kgodiso ya kgopolo palo tse di amanang le ditlhogo tsa dipalo le dipaterone. Se, se kcona go diragala gape fa o ruta ditirwana tsa go lekanya le dipalo tse di dirang ka tshedimosestso, fa go dirwa dipalo tsa tlhogo, morutabana ga a tshwanelo go pateletsa barutwana go dira dipalo tsa tlhogo tsa go tlhakanya tse ba ka se di kgoneng. Didiriswa tsa go kwalela le dipadisa di tshwanetse go nna teng ka dinako tsotlhe mo barutwaneng ba ba di tlhokang.

2.8 MOPHATO WA R

Thuto ya go ithuta dipalo e tshwanetse go ikaega ka melawana ya tsenyaletso le motshameko yo o ikaegileng ka go ithuta. nna e e gokaganeng le go ithuta o tshameka. Morutabana o tshwanetse go nna matlhagatlhaga ka go nna mogokaganyi boemong jwa go nna motsamaisi wa thuto mo phaposing. Mogokaganyi o neela ka ditshono tse di itiragalelang fela ka nako ya ditirwana tse di ikaegileng ka ngwana jaaka metshameko o o lokolosegileng mo sekhutlwanaeng sa motshameko wa megopolu kgotsa lefelo la go aga diboloko, sekhutlwana sa go tshameka ka mmu le metsi ga mmogo le ditirwana tse di eteletsweng pele ke morutwana, tse di tsepamedisitsweng mo dikgopolong tsa dipalo jaaka go ithuta go bala, go nna le kgolo le kitso ya dipalo, boalo le dipopego, dipaterone, nako le temogo e e totobetseng ya dipalo. Mmala ka nosi ga se karolo ya dipalo mme e ka thusa go godisa ditirwana tsa kgopolo palo jaaka go tlhaola, kgobokanyo ka dithophpha le pharologantsho

Dikarolo tsotlhe tsa mophato wa R, o akaretsa maemo a tikologo ya phaposi, tiragatso ya go ruta le ithuta, di tshwanetse go godisa kgolo ya ngwana ka bogotlhe. Kgolo e, e tshamekang karolo e, e bothhokwa mo dipalong tsa pele e akaretsa kgolo godisiwa ka go dirisa dikgang khutswe, dipina, diraeme, metshame ya menwana le metshameko ya metsi, ditshamekisi tsa go ithuta tse di akaretsang metshameko e, e tshamekelwang mo lepolankeng, go aga le metshameko ya go utpolola (boima, nako, mothamo, go lekanya jalo jalo), metshameko ya megopolu, metshameko ya kwa ntle, le ya mo patlelong. Mefuta e mentsi ya metshameko e ka akaretsa dintlu ka kitso e ntsi ya dipalo sekao go meta fa o apaya, go bala fa reka dilwana kwa lebenkeleng.

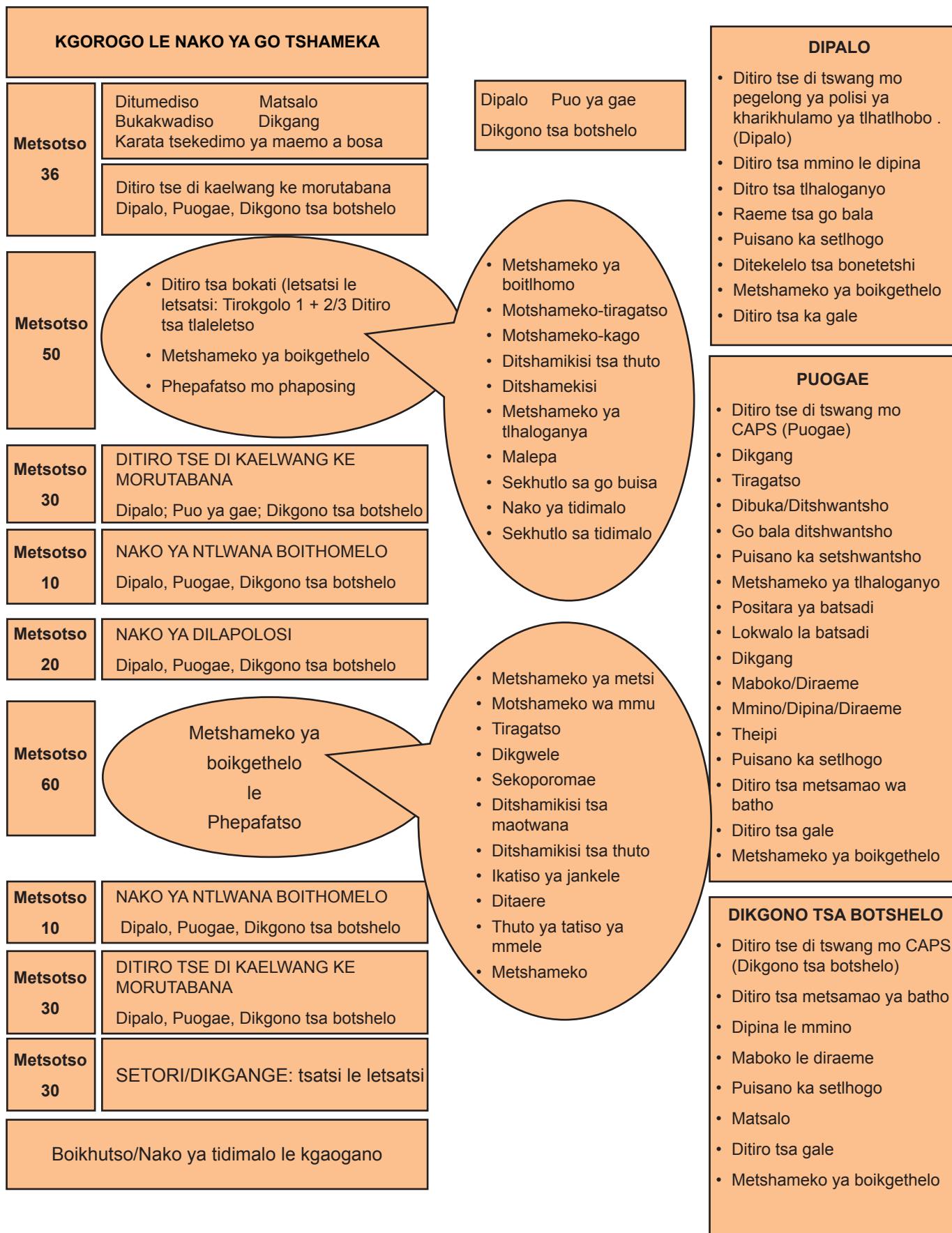
Ka mafoko a mangwe, thutego mo dipalong tsa tshimologo le dikgopolu tse nyalanang le dipalo, di tshwanetse gore jaaka di siametse thuto, di ikamanye go melawana ya go ithuta e, e latelang e ngwana e golang mo kgatong tse tharo tsa go ithuta, maina a dikgato tse ke a:jalo go anya kitso ya dipalo le megopolu yotlhe e, e tsenyeletsang dipalo di tshwanetse tsa ikaege ka theo (motheo) ya thuto e, e reng fa bana ba ithuta ba tsamae ka dikgato tse tharo tse di latelang tse:

- Kgato ya maitemogelo ka tsamaiso ya mmele (maitemogelo ka dikgopolu tsa mmele le dirwe tsa kutlo)
- Kgato ya go dira ka dikgonngwa/dipopego (Tekatekanyo ya popego tharo, dirisa diboloko tse di farologaneng, matlhare le didiriswa tse dingwe mo tikologong)le
- Tshwantshiso boemedi jwa pene le pampiri (tshwantshiso ya dikgonngwa tse di sa felelang o dirisa ditshwantsho, nyalano ya dikarata tsekedimo)

Mo ngwageng wa mophato wa R, lenaanethuto le bidiwa lenaneo la letsatsi le letsatsi (**Lebelela Tlhakapalo 1**) mme e dirilwe ka dikarolo tse tharo:

- Ditiro tse di kaelwang ke morutabana
- Ditiro tsa tlwaelo le
- Ditiro tsa boitshimololedi tsa bana le metshameko e, e golololesegileng

Tlhakapalo 1: Lenaneo la letsatsi le letsatsi la mophato R
(Gotloga ± 7:30 – 13:00)



DIPALO TSA MOPHATO R

Kgatelelo mo tsamaong ya ngwaga,e tshwanetse go nna mo tatelong ya lenaneo la letsatsi le letsatsi go tsweletsa go ithuta tshimologo ya kitso ya dipalo ka mokgwa wa go ithuta o tshameka.Sekao ditiro tse di kaelwang ke morutabana thutotong ya dipalo, di neelana ka ditshono ka nako ya go dula le barutwana mo sedikong. Bontsi jwa ditiro ka nako ya go dula le barutwana mo sekeleng, di tshwanetse go tsepamedisiwa mo go ithuteng dipalo. Nako ya mo mosong fa bana ba dumedisiwa le fa lenaneo le tshwaiwa go bona ba bas a tlang sekolong, ke nako e neelanang ka tshono ya go tshameka ka dipalo, sekao go bala. Nako tse dingwe tsa go dula le bana mo sekeleng jaaka nako ya dipalo, perceptual motor mosakos, nako ya go itshikinya, nako ya mmino le nako ya bonetetshi di neelana gape ka nako go itsepamisa mo dipalong.

Kgatelelo ya dipalo e ka dirwa ka nako ya ditirwana tsa botsweretshi jwa boitlhamed, sekao o ka dirisa dipopego tsa thutatekano jaaka disekele le dikhutlo-nne go dira khola je kgotsa o bapisa paterone ya go foreima setshwantsho. Karata tsekedimo ya maemo a bosa, khalentara le nako ya malatsi a botsalo di ka neela ka ditshono tsa go utolola dikgopoloo tsa dipalo. Ke kitso ya morutabana le boithaopi tse di ka godisang bokgoni jwa go ithuta .

- Ditiro tsa tlwaelo, ke dinako tse bana ba tsayang karolo ka matlhagatlha jaaka nako ya ja, nako ya go fitilha, nako ya go ya gae le nako ya go ya kwa ntlwaneng boithomelo, di ka nna tsa tsepamedisiwa mo dipalong.Bana ba ba apereng diaparo tse dikhibidu, sekao ba ye ntlwaneng boithomelo pele (mmala le palokemotatelano) ngwana mongwe le mongwe o newa dijo le sementshisi (bongwe ka bongwe nyalelano), Pinky o tla rata sementshisi ya bobedi, Pule ga a sa tlhole a batla gape. Se se se re isa mo go supeng le go diriseng nako ya go rut, ka mantswe a mangwe go nna mogokaganyi mo go ithuteng
- Ka nako ya motshameko o o gololosegileng morutabana a ka tsweletsa thuto ya dipalo tsa tshimologo ka go rulaganya lefelo la go tshameka motshameko o o gololosegile ka tsela e e maleba. Metshameko ya kwa ntle jaaka go palama mo polankeng kgotsa go palama baesekele go ka tsweletsa go ithuta dintlha kgolo tsa tlolofoko ya dipalo jaaka godimo/tlase kwa tlase/kwa godimo, bonako/bonya, godimo/ fa fatshe jalo jalo. Go yshameka ka mmu le metsi go ka godisa go tlhaloganya dikgopoloo jaaka boima, bolumu le mothamo. Ditirwana tse tsotlhe tse, di ka tsweletsa dkgono tse di botlhokwa, tse di ka nnang le karolo e e botlhokwa mo katlegong ya go ithuta kwa dikolong tsa dithuto tse di tlhomameng tsa serutwa sa letheresi le numeresi. Dikai tsa dikgono tse ke:
 - Kgodiso mo go tlhaloganyeng maemo a gago mo boalong sekao kwa morago, mo pele ga, ka fa tlase ga, go bapa le sediriswa (sekao se, se ka golaganngwa le boemo jwa bolengpalo mo dipalong) le
 - Tshupokaelo le tshupo kwalo (di ka golaganngwa go dipalo le popego ya ditlhaka le go bala go tswa kwa molemeng go ya kwa mojeng)

Tiragatso e neetsweng fa godimo, e kaetsa mokgwa wa dithuto tsa mophato wa R tse di tsweletsang tharabololo ya dipalo, kakanyo ka tateleno le neelano ya mabaka, ga mmogo le thuto ka ga boagi ka gonno di tsepamedisitswe mo go ithuteng le ba bangwe le dipuisano. Ka go dirisa dinako tsa go ruta barutabana ba ka rotloetsa bana go nagana ka ditshwetso tsa bona le go nna le ponelopele mo di kgonagaleng sekao a fopholetse gore a setshelo se se diriseditsweng go tshela metsi se ka dirisediwa go tshela metsi a mantsi go feta a setshelo se sengwe.

Ka go dirisa ditshitshinyo tse di thusang le go laletsa ngwana go nagana ka ga thefosano ya maemo a a le ditsela tsa go rarabolola dipalo, morutabana a ka rotloetsa bana go nagana kwa teng thata ka ga mabaka le go bona mabaka a a siameng ka boikgethelo jo ba bo dirang. Ka tsela e, kgodiso ga e dirwe mo dipalong fela mme gape le mo ngwaneng ka bogotlhe le mosola wa pegelo ya polisi ya kharikhulamo ya tlhatlhobo o tlisiwa mo tirisong.

Tiragatso ya mekgwa ya tlhatlhobo mo mophatong wa R, e tshwanetse go dirwa ka tsela e e sa tlhomamang ebile bana ba seka ba patelediwa go kwala "teko".Ke ka lebaka le o, tlhatlhobo e sa akarediwang mo mophatong wa R pegelo ya pholisi ya kharikhulamo ya tlhatlhobo. Tirwana nngwe le nngwe ya e e dirisediwang tlhatlhobo e tshwanetse go rulaganngwa ka matsetseleko gore o kgone go akaretsa dikgono tse di farologaneng

Gantsi mo mophaong wa R, tlhatlhobo e dirwa ka go lebelela bana, morutabana a rekota dipholo tsa tlhatlhobo a dirisa lenaneo la go lekola. Ka ga moo, fa ngwaga o tsweletse morutabana o kgona go bona setshwano se se feletseng sa ngwana, se feletse ka dikgwetlho le maatla a a godileng mo nakong e e telele. Se se go naya tšhono ya go thusa ngwana yo o itemogelang dikgwetlho tse le gore o oketse maatla a gagwe.

O seka wa letlelela porogerama e rulagantsweng ka tsela e e tiileng, e e tlhomamisitsweng mo melaong ya kgale ya go ithuta, ka gonse ga e oketse ditšhono tsa go ithuta dipalo mo ngwaneng wa mophato wa R. Mophato wa R o seka wa rutiwa ka tsela ya mophato wa 1. Phaposi e, e na le dipharologantsho tse di ikaegileng ka gore ngwana o o dira jang gore a nne le bokao go ya ka dingwaga tse a leng mo go tsona le gore o bona jang kitso, dikgono, boleng le maitsholo a a mo letlelelang go oketsa ditshono tse a di newang mo dingwageng tsa thuto ya gagwe e e tlhomameng.

2.9 DIDIRISWA TSE DI ATLENEGISITSWENG TSA DIPALO TSA PHAPOSİ YA KGATO MOTHEO

- Dipadisa
- Taese e tonna
- Letlhomeso le legolo(foraima)la go bala
- Karata tsekedimo ya boleele
- Pousetara ya 1-100 le 101-200 ya gerete ya dipalo tsa go bala
- Melapalo e e farologaneng(Tse di tsepameng le tse di rapeletseng)
- Sete ya dikarata tsa dipalo
- Tšhelete a go tshameka disente le tšhelete dipampiri a motshameko
- Khalentara ya ngwaga eo
- Tshupanako e tonna
- Sekale sa boima
- Diboloko tsa go aga
- Seloko sa go bopa
- Mabokose a a farologaneng a dipopego tse di fapaneng le bogolo di tlisiwa go tswa kwa gae.
- Mabotlolole a dipolasitiki a a farologaneng le ditshelo tsa go tlhalosa le go bapisa methamo/dibolumu.
- Dikai tse di siameng tsa kgolokwe (bolo) lebokose la khutlonnetsepa (lebokose), kubiki (cube), setopo (cone), piramiti (pyramid) le selennere (cylinder) tse, morutabana o di bopa ka boene.
- Palo ya dikhutlonne tsa dipolasitiki le mabokose, dikhutlonnetsepa tse di farologaneng, didiko, dikhutlotharo tsa bogolo jo bo farologaneng.
- Metshameko ya dipalo, sekao, luto (ludo), morabaraba wa dinoga le llere (snake and ladder), malepatshwantsho (jigsaw puzzle), ditomino (dominoes), metshameko wa malepa ka tlhale (tangrams)
- Di botlhokwa go mophato wa R le 1.
- Boalo jwa motlhaba le motshameko wa metsi.
- Didiriswa tsa go palama, lekanetsa, go akgwa le kgati.
- Lebenkele la motshameko ka dilwana tse di rekwang ka tshelete ya motshameko.
- Metshameko e farologaneng e e maleba, jaaka “Khutlonne ke eng?”
- Diboloko

KGAOLO 3: TLHALOSO YA DITENG TSE DI TOTOBETSENG

3.1 MATSENO

Mo Sekgamung sa Thuto-Kakaretso le Katiso sa mephato ya R-9, go na le dikarolo tsa diteng tsa serutwa sa Dipalo di le tlhano:

- Dipalo, Matshwao le Dikgolagano
- Dipaterone, Diopereishene le Alejebera
- Boalo le Popego
- Tekanyo
- Go dira ka dipalo tsa tshedimosetso

Diteng tsa serutwa sengwe le sengwe di kgaogantswe ka ditlhogo tsa dipalo, sekao, nngwe ya ditlhogo mo karolong ya Boalo le jeometeri) mo Kgatong ya Motheo, ke ka ga tekatekanyopedi/mathakorepedi (2-D). Dikgopolole dikgono di totobaditswe mo setlhogong sengwe le sengwe. Kgaolo ya 3 ya Dipalo tsa Kgato ya Motheo ya Pegelo ya Pholisi ya Kharikhulamo le Tlhatlhabo e totobatsa le go tlhalosa diteng tse di tlhogegang tsa dipalo.

3.2 TOTOBATSO YA DITENG GO BONTSHA TSWELELOPELE

Manaane a thadiso ya kgato a bontsha dikgopolole dikgono tse di totobetseng le tsweletso go tswa mo mophatong wa R go ya go wa 3. Manaane a thadiso ya kgato a bontsha tsweletso ya dikgopolole dikgono go ralala dikgweditharo di le nne mo ngwageng.

Le gale, mo ditlhogong tse di rileng dikgopolole dikgono di a tshwana mo mephatong e mebedi kgotsa e meraro e e latelanang. Tlhaloso ya diteng e tla neela dikaelo tse di bontshang gore tswelelopele e tshwanetse e dirwe jang mo mabakeng a a tshwanang le a. Ka moo, totobatso ya diteng e tshwanetse go buisiwa mmogo le tlhaloso ya diteng

Thadiso ya Kgato ya Motheo e bontsha tsweletso ya dikarolo tsa diteng; Dipalo, Matshwao le Dikgolagano, Dipaterone, Ditiriso le Alejebera, Boalo le Popego, Tekanyo le Go dira ka Dipalo tsa Tshedimosetso go tswa go mophatong wa R-3 jaaka e tlhagisitswe mo manaaneng a a fa tlase:

THADISO YA KGATO YA MOTHEO

1. DIPALO, DIOPEREISHENE LE DIKGOLAGANO

Kgateopple mo Dipalang, Diopereishene le Dikgolagano

- Kgateopple e kgolo ya Dipalo, Diopereishene le Dikgolagano e diragala ka ditsela di le tharo:
 - Tlhatthamano ya dipalo e oketsegaa
 - Mefuta e e farologaneng ya dipalo e a itsisiwe
 - Ditogamaano tsa palelo di a fotoga
 - Fa tlhatthamano ya dipalo ya dipalelo e oketsegaa go fittha mo mophatong wa 3, barutwana ba tshwanetse go bontsha bokgoni jo bo lekaneng mo ditogamaaanong tsa dipalelo.
 - Mathata a a mo tirisong a tshwanetse go tsaya tsia tlhatthamano ya dipalo tsa mophato mmogo le bokgoni jwa barutwana jwa go balela.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
KGODISO YA PALOKGOPOLLO: Bala o dirisa dipalotlalo				
1.1	Bala didiriswa tse di kgonngwang	Bala didiriswa tse di kgonngwang	Bala didiriswa tse di kgonngwang	Bala didiriswa tse di kgonngwang
Bala didiriswa	Fopholetsa le go bala ka botshepegi, ka bonnye didiriswa go fittha ka 50 letsatsi le letsatsi. Go bala ka dithophha go rotioediwe.	Fopholetsa le go bala ka botshepegi, ka bonnye go fittha ka 200 letsatsi le letsatsi. Go bala ka dithophha go rotioediwe.	Fopholetsa le go bala ka botshepegi, ka bonnye go fittha ka 1000 letsatsi le letsatsi. Go bala ka dithophha go rotioediwe.	Fopholetsa le go bala ka botshepegi, ka bonnye go fittha ka 1000 letsatsi le letsatsi. Go bala ka dithophha go rotioediwe.
1.2	Go balela-pele le go balela morago ka bongwe go tloga ka 1 go fittha ka 10. Dirisa dipalo tsa dipina le diraeme.	Go balela-pele le go balela morago ka bongwe go tloga ka palo nngwe le nngwe e e mo magareng ga 0 go fittha ka 100	Go balela-pele le go balela morago ka bongwe (1s) go tloga ka palo nngwe le nngwe e e mo magareng ga 0 le 200	Go balela-pele le go balela morago ka bongwe (1s) go tloga ka palo nngwe le nngwe e e mo magareng ga 0 le 1000
Go balela-pele ka:				
		<ul style="list-style-type: none"> • bolesome (10s) go tloga ka katiso nngwe le nngwe ya bo10 e e mo magareng ga 0 le 200 • bothano (5s) go tloga ka palo nngwe le nngwe ya katiso ya 5 e e mo magareng ga 0 le 200 • bobedi (2s) go tloga ka palo nngwe le nngwe ya katiso nngwe ya 2 e e mo magareng ga 0 le 200 • boraro (3s) go tloga ka palo nngwe le nngwe ya katiso ya 3 e e mo magareng ga 0 le 200 • bone (4s) go tloga ka palo nngwe le nngwe ya katiso ya 4 e e mo magareng ga 0 le 200 	<ul style="list-style-type: none"> • bolesome (10s) go tloga ka palo nngwe ya katiso ya 10 e e mo magareng ga 0 le 1000 • bothano (5s) go tloga ka palo nngwe ya katiso ya 5 e e mo magareng ga 0 le 1000 • bobedi (2s) go tloga ka palo nngwe ya katiso nngwe ya 2 e e mo magareng ga 0 le 1000 • boraro (3s) go tloga ka palo nngwe ya katiso ya 3 e e mo magareng ga 0 le 1000 • bone (4s) go tloga ka palo nngwe ya katiso ya 4 e e mo magareng ga 0 le 1000 	<ul style="list-style-type: none"> • bolesome (10s) go tloga ka palo nngwe ya katiso ya 10 e e mo magareng ga 0 le 1000 • bothano (5s) go tloga ka palo nngwe ya katiso ya 5 e e mo magareng ga 0 le 1000 • bobedi (2s) go tloga ka palo nngwe ya katiso nngwe ya 2 e e mo magareng ga 0 le 1000 • boraro (3s) go tloga ka palo nngwe ya katiso ya 3 e e mo magareng ga 0 le 1000 • bone (4s) go tloga ka palo nngwe ya katiso ya 4 e e mo magareng ga 0 le 1000

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
KGODISO YA PALOKGOPOLLO: Kemedi ya palotlalo	Bua le go dirisa mainapalo mo tirisong e e twaelegileng.			
1.3 Matshwaopalo le mainapalo	Lemoga, tlaola le go buisa dipalo	Lemoga,tlaola le go buisa matshwaopalo	Lemoga,tlaola le go buisa matshwaopalo	Lemoga,tlaola le go buisa dipalo
	<ul style="list-style-type: none"> Lemoga,tlaola le go buisa matshwaopalo go tloga ka 1 go fittha 10 Lemoga,tlaola le go buisa mainapalo go tloga ka 1 go fittha 10 Lemoga,tlaola le go buisa mainapalo go tloga ka 1 go fittha 10 	<ul style="list-style-type: none"> Lemoga,tlaola le go buisa letshwaopalo go tloga ka 1 go fittha 100 Kwala letshwaopalo go tloga ka 1 le go fittha 20 Lemoga,tlaola le go buisa mainapalo go tloga ka 1 go fittha 10 Kwala leinapalo go tloga ka 1 go fittha 10 	<ul style="list-style-type: none"> Lemoga,tlaola le go buisa matshwaopalo go tloga ka 0 go fittha ka 200 Kwala matshwaopalo go tloga ka 0 go fittha ka 100 Lemoga,tlaola le go buisa leinapalo go tloga ka 0 go fittha ka 100 Kwala leinapalo go tloga ka 0 go fittha 100. 	<ul style="list-style-type: none"> Lemoga,tlaola le go buisa matshwaopalo go tloga ka 0 go fittha ka 1000 Kwala matshwaopalo go tloga ka 0 go fittha ka 1000 Lemoga,tlaola le go buisa mainapalo go tloga ka 0 go fittha ka 1000 Kwala leinapalo go tloga ka 0 go fittha 1000.
1.4 Tihalosa, bapisa le go rulaganya dipalo	Tihalosa,bapisa le go rulaganya kgobokanyo ya didiriswa go fittha ka 10	Tihalosa,bapisa le go rulaganya didiriswa go fittha ka 20		
	<ul style="list-style-type: none"> Tihalosa palotlalo go fittha ka 10 Bapisa dilo tse pedi tse o di neilweng o bolele gore ke efe e e leng kgolo,nnye go e kgolo go, e e lekanang le,e ntsi, tse mmalwa go fittha ka 10 Rulaganya didiriswa tse di kgobokantsweng tse di fetang tse pedi go tloga go e nnye go ya go e kgolo go fitthela 10. 	<ul style="list-style-type: none"> Tihalosa le go bapisa didiriswa tse di kgobokantsweng go ya ka bontsi, bonnye le tse di tshwanang Tihalosa le go rulaganya didiriswa tse di kgobokantsweng go tloga ka tse dints i go ya go tse di mmalwa le go tloga go tse mmalwa go ya go go tse dints i. 		

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
1.4 Tihalosa, bapisa le go rulaganya dipalo	Tihalosa, bapisa le go rulaganya dipalo go fittha ka 20 <ul style="list-style-type: none"> Tihalosa le go bapisa palotlalo go ya ka e nnye go,e kgolo go le e ntsi go, le e e lekanang le. Tihalosa le go rulaganya dipalo go ya ka bonnye go fittha ka bogolo le bogolo go fittha ka bonnye. Dirisa lebaditatelano go bontsha thulaganyo,lefelo kgotsa maemo: Bayadidirisawa mo moleng go tloga ka ya nthia go ya go ya lesome kgotsa ya nthia go fittha ka ya bofelo sekao: ya nthia, ya bobedi, ya boraro.....ya lesome.	Tihalosa,bapisa le go rulaganya dipalo go fittha 99 <ul style="list-style-type: none"> Tihalosa le go bapisa palotlalo go fittha 99 ka go dirisa bonnye go,kgolo go, ntsi go le e e lekanang le. Tihalosa le go rulaganya dipalo go fittha ka 99 go tloga go e nnye go fittha kwa go e kgolo le e kgolo go fittha go e nnye Dirisa lebaditatelano go bontsha thulaganyo,lefelo kgotsa maemo: Bayadidirisawa mo moleng go tloga ka ya nthia go ya go ya lesome kgotsa ya nthia go fittha ka ya bofelo sekao: ya nthia, ya bobedi, ya boraro.....ya lesome.	Tihalosa,bapisa le go rulaganya dipalo go fittha 99 <ul style="list-style-type: none"> Tihalosa le go bapisa palotlalo go fittha 99 ka go dirisa nnye go ,kgolo go le e lekanang le. Tihalosa le go rulaganya palotlalo go fittha ka 999 go tloga ka e e nnye go fittha ka e kgolo le e kgolo go fittha go e nnye. Dirisa lebaditatelano go bontsha thulaganyo,lefelo kgotsa maemo: Bayadidirisawa mo moleng go tloga ka ya nthia go ya go ya lesome kgotsa ya nthia go fittha ka ya bofelo sekao: ya nthia, ya bobedi, ya boraro.....ya lesome.	Tihalosa,bapisa le go rulaganya dipalo go fittha 999 <ul style="list-style-type: none"> Tihalosa le go bapisa palotlalo go fittha 999 ka go dirisa nnye go ,kgolo go le e lekanang le. Tihalosa le go rulaganya palotlalo go fittha ka 999 go tloga ka e e nnye go fittha ka e kgolo le e kgolo go fittha go e nnye. Dirisa lebaditatelano go bontsha thulaganyo,lefelo kgotsa maemo: Bayadidirisawa mo moleng go tloga ka ya nthia go ya go ya lesome kgotsa ya nthia go fittha ka ya bofelo sekao: ya nthia, ya bobedi, ya boraro.....ya lesome.
KGODISO YA KGOPOLOPALO:Bolengkemedi	1.5 Bolengkemedi	Simolola go lemoga bolengkemedi ba bonnye ba palopedi go fittha ka 20 <ul style="list-style-type: none"> Tihathhamolola palomonopedi mo dikatisong tsa 10 le bongwe. 	Lemoga bolengpalo jwa palotharogo fittha ka 999 <ul style="list-style-type: none"> Tihathhamolola palomonopedi go fittha ka 99 mo dikatisong tsa 10 le bongwe. Tihala le go boleta bolengpalo jwa palo nngwe le nngwe. 	Lemoga bolengpalo jwa palotharogo fittha ka 999 <ul style="list-style-type: none"> Tihathhamolola palomonopedi go fittha ka 999 mo dikatisong tsa 100,dikatiso tsa 10 le bongwe/ diyuniti Tihala le go neela boleng jwa palo nngwe le nngwe.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
GO RARABOLOOLA MATHATA AAA MO TIRISONG				
1.6 Ditogamaano tsa go rarabolola dipalo	Dirisa ditogamaano tse di latelang go fittha ka 10: • Didiiriswa tse di kgonngwang sekao dibadisi • Llere ya dipalo e e bonagalang	Dirisa ditogamaano tse di latelang fa o rarabolola dipalo le go thalosa ditharabololo tsa dipalo: • Didiriswa tse di kgonngwang sekao:dibadisi • Ditshwantisho go thala kgang ya dipalo. • Go aga le go kgaoganya dipalo. • Go oketsa gabedi le go kgaoganya ka bogare. • Melapalo e e tshegetswang ka didiriswa tse di kgonngwang	Dirisa ditogamaano tse di latelang fa o rarabolola dipalo le go thalosa ditharabololo tsa dipalo: • Dithalo kgotsa didiriswa tse di kgonngwang sekao:dibadisi • Go aga le go kgaoganya dipalo • Go oketsa gabedi le go kgaoganya ka bogare. • melapalo • atametsa go bolesome	Dirisa ditogamaano tse di latelang fa o rarabolola dipalo le go thalosa ditharabololo tsa dipalo: • Go aga le go kgaoganya dipalo • Go oketsa gabedi le go kgaoganya ka bogare. • melapalo
1.7 Go thakanya le go ntsha	Rarabolola didipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya le go ntsha ka dikarabo tse di fithang go 10	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya le go ntsha ka dikarabo tse di fithang ka 20	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya le go ntsha ka dikarabo tse di fithang ka 99.	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya le go ntsha ka dikarabo tse di fithang go 999.
1.8 Thakanya poeletso e e isang kwa go atiseng	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya ka poeletso ka dikarabo tse di fithang go 20.	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo tse di akaretsang go thakanya ka poeletso ka dikarabo tse di fithang go 50.	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo o dirisa katiso ka dikarabo tse di fithang go 100.	Rarabolola dipalofoko mo tirisong le go thalosa tharabololo ya gago ya dipalo o dirisa katiso ka dikarabo tse di fithang go 100.
1.9 Go kgobokanya le go kgaoganya go go lebiseditseng kwa go aroleng	Rarabolola le go thalosa dipalofoko mo tirisong e e akaretsang go kgaoganya ka go kgobokanya ka dipalotlao go fittha ka 10 le dikarabo tse di ka akaretsang sesala	Rarabolola le go thalosa tharabololo ya dipalo di le mo tirisong tse di akaretsang go kgaoganya ka go lekana le go kgobokanya go fittha ka dipalotlao tsa go fittha ka 20 le dikarabo tse di ka akaretsang sesala.	Rarabolola le go thalosa tharabololo ya dipalo tse di mo tirisong tse di akaretsang go kgaoganyo ka go lekalekana e e lebistseng kwa tharabololong e e akaretsang dipalophatio tse di tsamaelanang le tse di sa tsamaelaneng.	Rarabolola le go thalosa tharabololo ya dipalo tse di mo tirisong tse di akaretsang go kgaoganyo ka go lekalekana e e lebistseng kwa tharabololong e e akaretsang dipalophatio tse di tsamaelanang le tse di sa tsamaelaneng.
1.10 Kgaoganyo e telele ya palophatio				

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
1.11 Tšhelete ya papetlana	Godisa temogo ya tšhelete a papetlana le tšhelete a dipampiri a Aforika Borwa	<ul style="list-style-type: none"> Lemoga le go tlhaola tšhelete a papetlana a Aforika Borwa (5c, 10c, 20c, 50c, R1, R2, R5) tšhelete a dipampiri R10, R20 Rarabolola dipalo tsa tšhelete a a karetsang palogothle le tšhelete a a salang fa o reka le go fetolela R20 go tšhelete a ditshipi ka bo 20c 	<ul style="list-style-type: none"> Lemoga le go tlhaola tšhelete a a papetlana a Aforika Borwa (le tšhelete a dipampiri) Rarabolola dipalo tsa tšhelete a a akaretsang palogothle le go fetolela R99 go tšhelete a ditshipi ka bo 90c 	<ul style="list-style-type: none"> Lemoga le go tlhaola tšhelete a a Aforika Borwa a tshipi/papetlana le a dipampiri Rarabolola dipalo tsa tšhelete a a akaretsang palogothle le go fetolela diranta mo disenteng. Fetolela magareng ga diranta le disente
Palelo e e seng mo tirisong				
1.12 Dithekeniki/ Malepa (mekgwa kgotsa ditogamaano)	Dirisa ditogamaano tse di latelang go diragatsa palelo.	<ul style="list-style-type: none"> Go thala kgotsa go dirisa didiriswa tse di kgongwang sekao: dibadisi Go aga le go kgaoganya dipalo Go oketsa gabedi le go arogany ka bogare Molapalo 	<ul style="list-style-type: none"> Go thala kgotsa go dirisa didiriswa tse di kgongwang, sekao dibadisi Go aga le go kgaoganya dipalo Go oketsa gabedi le go arogany ka bogare Molapalo 	<ul style="list-style-type: none"> Dirisa ditogamaano tse di latelang go diragatsa palelo. Go aga le go kgaoganya dipalo Go oketsa gabedi le go arogany ka bogare Katamešo go lesome
1.13 Go tlhakanya le go ntsha/tlosa	1.13 Rarabolola dipalo tse di boletseng ka go tlhakanya le go ntsha mme o neele dittharabololo go fittha ka 10	<ul style="list-style-type: none"> Tlhakanya go fittha ka Ntsha go tswa go fittha ka Dirisa matshwao a a maleba (+, -, =, □) 	<ul style="list-style-type: none"> Tlhakanya go Ntsha go tswa go Dirisa matshwao a maleba (+, -, =, □) Ikatiso kgolagano ya dipalo tse di fithang go 	<ul style="list-style-type: none"> Tlhakanya go Ntsha go tswa go Dirisa matshwao a maleba (+, -, =, □) Ikatiso kgolagano ya dipalo tse di fithang go
1.14 Tlhakanyo- poletso e e lebisang kwa go atiseng	1.14 Tlhakanyo- poletso e e lebisang kwa go atiseng	<ul style="list-style-type: none"> Tlhakanya dipalo tse di tshwanang o di boletsa go fittha ka 20 Dirisa matshwao a a maleba (+, =, □) 	<ul style="list-style-type: none"> Atisa dipalo go fittha go kale go palogothle ya Dirisa matshwao a a maleba (+, x, =, □) 	<ul style="list-style-type: none"> Atisa palo nngwe le nngwe go 2,3,4,5,10 go palogothle ya 100 Dirisa matshwao a maleba (x, □)
1.15 Go arola				<ul style="list-style-type: none"> Arola dipalo tse di fithang go 100 ka 2,3,4,5,10 Dirisa matshwao a maleba (+, =, □)

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
1.16 Dipalo tsa tlhogo	<p>Dipalokgopolo: tlhatlhhamano ya 10 Tirwana nngwe le nngwe e simolola ka dipalo tsa tlhogo</p> <ul style="list-style-type: none"> Go bala didiriswa letsatsi le letsatsi Go balela kwa pele le morago Go bala dipalo ka tatelano Opa diatla ga ntsi/gole gomnye ka nako Ke kopo efe ya diatla e leng ntsi thatathata, nnye thatathata, ntsi go feta, nnye go feta. Ke palo efe e latelang pele, morago, fa gare. 	<p>Dipalokgopolo: Tlhathhamano ya 20</p> <ul style="list-style-type: none"> Naya dipalo tse di mo pele le mo morago ga palo e o e neetsweng. Rulaganya sete ya dipalo e e neetsweng e tlhophilweng. Bapisa dipalo go fittha go 20 mme o neele gore ke efe e leng 1, 2, 3, 4, 5 le 10 le e e fetang kgotsa e le nnye. 	<p>Dipalokgopolo: Tlhathhamano ya 99</p> <ul style="list-style-type: none"> Rulaganya sete ya dipalo e e neetsweng e tlhophilweng. Bapisa dipalo go fittha go 99 nmme o neele gore ke efe e leng 1, 2, 3, 4, 5 le 10 le e e fetang kgotsa e le nnye. 	<p>Dipalokgopolo: Tlhathhamano ya 1000</p> <ul style="list-style-type: none"> Rulaganya sete ya dipalo e e neetsweng e tlhophilweng. Bapisa dipalo go fittha go 1000 mme o neele gore ke efe e leng 1, 2, 3, 4, 5 le 10 le e e fetang kgotsa e le nnye.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
1.17 Dipalophatio		<ul style="list-style-type: none"> Dirisa le go neela dipalophatio tse di tsamaelanang le tse di sa tsamaelaneng mo tirisong e tiwaeligileng e akaretsang dihalofo, nngwe-nneng, nngwe tharong, nngwe thatarong le nngwe thanong. Lemoga dipalophatio mo popegong ya setshwantsho. 	<ul style="list-style-type: none"> Dirisa le go neela dipalophatio tse di tsamaelanang le tse di sa tsamaelaneng mo tirisong e tiwaeligileng e akaretsang dihalofo, nngwe-nneng, nngwe tharong, nngwe robeding, nngwe thatarong le nngwe thanong. Lemoga dipalophatio mo popegong ya setshwantsho. Simolola go lemoga dihalofo tse pedi kgotsa nngwe tharong tse pedi di bopa palotlao e le nngwe le gore pedi-nneng e a lekalekana. 	<ul style="list-style-type: none"> Dirisa le go neela dipalophatio tse di tsamaelanang le tse di sa tsamaelaneng mo tirisong e tiwaeligileng e akaretsang dihalofo, nngwe-nneng, nngwe tharong, nngwe robeding, nngwe thatarong le nngwe thanong. Kwala dipalophatio jaaka halofo. Kwala dipalophatio jaaka halofo e le 1, pedi-tharong.

Tsweletsso mo Dipateroneng, Ditiriso le Alejebera

- Mo Dipateroneng, Ditiriso le Alejebera, barutwana ba bona ditshono tsa go:
 - Feleletsa le go atolosa dipaterone tse di tshwantshitsweng ka dipopego tse di farologaneng, le
 - Go thlaola le go thalosa dipaterone.
 - Go thalosa dipaterone go thaya motheo mo barutwanaeng ba Kgato ya Bogare go thalosa melao ya dipaterone. Se, se thomamisiwa mo Kgatong e Kgolwane mo tironq ya Alejebera

DITENG	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
2.1	Kopolola le go atolosa Kopolola le go atolosa dipaterone tse di bonolo o dirisa didiriswa tse di kgonggwang le ditshwantshis (sekao, dirisa mmala le dipopego)	Kopolola, atolosa le go thalosa Kopolola , atolosa le go thalosa ka mafoko <ul style="list-style-type: none"> • dipaterone tse di bonolo tse di diriweng ka didiriswa tse di kgonggwang • dipaterone tse di bonolo tse di tshwantshitsweng ka mela, dipopego kgotsa didiriswa Bopa dipaterone tsa gago Bopa dipaterone tsa gago tsa Jeomteri <ul style="list-style-type: none"> • Ka didiriswa tse di kgonggwang • ka go thala mela, dipopego kgotsa didiriswa Dipaterone tse di re potapotileng Thaola, thalosa ka mafoko le go kopolola dipaterone tsa Jeomteri <ul style="list-style-type: none"> • mo tholegong • go tswa mo botshelong jwa matsatsi a gompieno • go tswa mo go tsa setso 	Kopolola, atolosa le go thalosa Kopolola , atolosa le go thalosa ka mafoko <ul style="list-style-type: none"> • dipaterone tse di bonolo tse di diriweng ka didiriswa • dipaterone tse di boima tse di ditshwantshitsweng ka mela, dipopego kgotsa didiriswa Bopa le go thalosa dipaterone tsa gago <ul style="list-style-type: none"> • Ka didiriswa tse di kgonggwang • ka go thala mela, dipopego kgotsa didiriswa Dipaterone tse di re potapotileng Thophha, thalosa ka mafoko le go kopolola dipaterone tsa Jeomteri <ul style="list-style-type: none"> • mo tholegong • go tswa mo botshelong jwa matsatsi a gompieno • go tswa mo go tsa setso 	Kopolola, atolosa le go thalosa Kopolola , atolosa le go thalosa ka mafoko <ul style="list-style-type: none"> • dipaterone tse di bonolo tse di diriweng ka didiriswa • dipaterone tse di boima tse di ditshwantshitsweng ka mela, dipopego kgotsa didiriswa Bopa le go thalosa dipaterone tsa gago <ul style="list-style-type: none"> • Ka didiriswa tse di kgonggwang • ka go thala mela, dipopego kgotsa didiriswa Dipaterone tse di re potapotileng Supa, thalosa ka mafoko le go kopolola dipaterone tsa Jeomteri <ul style="list-style-type: none"> • mo tholegong • go tswa mo botshelong jwa matsatsi a gompieno • go tswa mo go tsa setso
2.2	Dipaterone tsa Dipalo	Kopolola, atolosa le go thalosa Kopolola, atolosa le go thalosa tatelano e e bonolo ya dipalo go fittha go 100 <ul style="list-style-type: none"> • Bopa le go thalosa dipaterone tsa gago 	Kopolola, atolosa le go thalosa Kopolola, atolosa le go thalosa tatelano e e bonolo ya dipalo go fittha go 200 <ul style="list-style-type: none"> • Bopa le go thalosa dipaterone tsa gago 	Kopolola, atolosa le go thalosa Kopolola, atolosa le go thalosa tatelano e e bonolo ya dipalo go fittha go 999 <ul style="list-style-type: none"> • Bopa le go thalosa dipaterone tsa gago

**THADISO YA KGATO YA MOTHEO
3. BOALO LE POPEGO (JEOMETERI)**

Tsweleto/kgatelopele ya Boalo le Popego (Jeometeri)

Tsweletsokgolo ya Boalo le Popego e fithelelwka :

- go tsepama mo dipharologantshong le dipopego tse dintshwa le didiriswa mo mophatong mongwe le mongwe, le morago mo dimmapeng tse di sa thomamang
- go tsawa mo go ithuteng puo ya maemo le go tshwantsha dikakanyo tse di farologaneng tsa didiriswa tse di tshwanang, go ya mo puising le go sala di bala le go latela dikaelo

DITENG	MOPHATO WAR	MOPHATO 1	MOPHATO 2	MOPHATO 3
3.1	Puo ka ga maemo a didiriswa Maemo, kitsiso le dipono Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe, sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.	Puo ka ga maemo a didiriswa Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.	Puo ka ga maemo a didiriswa Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.	Puo ka ga maemo a didiriswa Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.
	Maemo le dipono Maemo le dipono Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe, sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.	Maemo le dipono Lemoga le go bapisa dipono tse di farologaneng ka ga didiriswa tse di tshwanang tsa letsatsi le letsatsi	Maemo le dipono Lemoga le go bapisa dipono tse di farologaneng ka ga didiriswa tse di tshwanang tsa letsatsi le letsatsi	Maemo le dipono Lemoga le go bapisa dipono tse di farologaneng ka ga didiriswa tse di tshwanang tsa letsatsi le letsatsi
	Maemo le dikaelo Maemo le dikaelo Thhalosa maemo a sediriswa se le sengwe mabapi le sediriswa se sengwe, sekao fa godimo ga, fa pele ga, fa morago, fa molemeng, fa mojeng, kwa godimo, kwa tlase, go bapa le.	Maemo le dikaelo Latela dikaelo tsa go tsamaya mo phaphosing.	Maemo le dikaelo Latela dikaelo tsa go tsamaya mo phaphosing.	Maemo le dikaelo Latela dikaelo tsa go tsamaya mo phaphosing.

DITENG	MOPHATO WAR	MOPHATO 1	MOPHATO 2	MOPHATO 3
3.2	Tihatlhhamano ya didiriswa Lemoga le go neela leina la didiriswa tsa tekanothakoretharo (3-D) mo phaphosing <ul style="list-style-type: none"> • Dipopego tsa bolo • Dipopego tsa mabokose 	Tihatlhhamano ya didiriswa Lemoga le go neela leina la didiriswa tsa tekatekanothakoretharo (3-D) mo phaphosing <ul style="list-style-type: none"> • Dipopego tsa bolo • Dipopego tsa mabokose • Diselennere • phiramiti • dikhounu 	Tihatlhhamano ya didiriswa Lemoga le go neela leina la didiriswa tsa tekanothakoretharo (3-D) mo phaphosing <ul style="list-style-type: none"> • Dipopego tsa bolo • Dipopego tsa mabokose • Diselennere • selenere • phiramiti • dikhounu 	Tihatlhhamano ya didiriswa Lemoga le go neela ka leina la didiriswa tsa tekanothakoretharo (3-D) mo phaphosing <ul style="list-style-type: none"> • Dipopego tsa bolo (spheres) • Dipopego tsa mabokose (porisimo) • selenere • phiramiti • dikhounu

DITENG	MOPHATO WAR	MOPHATO 1	MOPHATO 2	MOPHATO 3
3.3 Dipopego tsa tekanayopedi (2-D)	Tatelano ya dipopego Lemoga le go neelana ka leina la popego tekanayopedi (2-D) <ul style="list-style-type: none">• didiko• dikhutlo-tharo• dikhutlonne• dikhuttonne• dikhuttonnetsepa	Tatelano ya dipopego Lemoga le go neelana ka leina la popego tekanayopedi (2-D) <ul style="list-style-type: none">• didiko• dikhutlo-tharo• dikhutlonne• dikhuttonne• dikhuttonne-tsepa	Tatelano ya dipopego Lemoga le go neelana ka leina la popego tekanayopedi (2-D) <ul style="list-style-type: none">• didiko• dikhutlo-tharo• dikhutlonne• dikhuttonne• dikhuttonne-tsepa	
	Diponagalo tsa dipopego Thhalosa, thhaola le go bapisa dipopego tsa tekanothakorepedi (2-D) go ya ka: <ul style="list-style-type: none">• bogolo• mmala• mathakore a a tlhamaletseng• mathakore a a potokwe	Diponagalo tsa dipopego Thhalosa, thhaola le go bapisa dipopego tsa tekanothakorepedi (2-D) go ya ka: <ul style="list-style-type: none">• bogolo• mmala• mathakore a a tlhamaletseng• mathakore a a potokwe	Diponagalo tsa dipopego Thhalosa, thhaola le go bapisa dipopego tsa tekanothakorepedi (2-D) go ya ka: <ul style="list-style-type: none">• bogolo• mmala• mathakore a a tlhamaletseng• mathakore a a potokwe	
3.4 Tekano	Tekano <ul style="list-style-type: none">• Lemoga kgaogano gabedi mo mmeleeng wa gago.	Tekano <ul style="list-style-type: none">• Lemoga kgaogano gabedi mo mmeleeng wa gago.	Tekano <ul style="list-style-type: none">• Lemoga le go thala mola wa bogare mo dipopegong tsa tekanothakorepedi (2-D) le dipopego tse e seng tsa Jeometeri	Tekano <ul style="list-style-type: none">• Lemoga le go thala mola wa bogare mo dipopegong tsa tekanothakorepedi (2-D) le dipopego tse e seng tsa Jeometeri• Lemoga mola wa bogare wa tekano mo pampiring e menilweng e e bonagalang

THADISO YA KGATO YA MOTHEO
4. TEKANYO

Kgatelopel e tekanyong

- Kgatelopel e kgolo mo go lekanyetseng go kgabaganya mephato e fithelelwa ka kitsiso ya:
- Mekgwa e mešwa ya tekanyo
- Didiriswa tse dintšhw a ts a tekanyo, o simolola ka didiriswa tse di sa thhomamang o ya kwa go tse di thhomameng mo mophatong wa 2 le 3;
- Diyuniti tse dintšhw a ts a tekanyo, bogolo jang mo mephatong ya 2 le 3
- Go balela le go ratabolola dipalo ka go tekanyetsa di tshwanetse go tsaya tiro e e setseng e dirilwe tsia.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
4.1 Nako	Tsamao ya nako Tlotta ka go tsamaya ga nako	Tsamao ya nako Tlotta ka go tsamaya ga nako	<ul style="list-style-type: none"> • Bua ka ga dillo tse di diragalang motshegare le bosigo. • Barutwana ba rulaganya ka ditragalo tse di diragalang motshegare tateano • Ba rulaganya ditragalo tsa ka gale tse di diragalang mo matshelong a bona. 	<ul style="list-style-type: none"> • Ba rulaganya ditragalo tsa ka gale tse di diragalang mo matshelong a bona. • Bapisa bolelele jwa nako o dirisa puo, sekao, leelee, khutshwane, bonako, bonya. • Rulaganya ditragalo o dirisa puo, jaaka'maabane', gompieno' le 'ka moso'.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
4.1 Nako	Bua ka ga nako	<p>Bua ka ga nako</p> <ul style="list-style-type: none"> Dirisa puo go thhalosa fa sengwe se diragala, sekao, mosong, tha pamá, bosigo, phakela, lottattana Neela matsatsi a beke le dikgwedi tsa ngwaga ka tatelano. Kwala matsatsi a botsalo, meletlo ya tsa sedumedi, matsatsi a boikhutso, ditiragalo tsa hisitorí le ditiragalo tsa thuto mo khalentareng. Kwala matsatsi a botsalo mo khalentareng. 	<p>Bua ka ga nako</p> <ul style="list-style-type: none"> Neela matsatsi a beke le dikgwedi tsa ngwaga ka tatelano. Kwala matsatsi a botsalo, meletlo ya tsa sedumedi, matsatsi a boikhutso, ditiragalo tsa hisitorí le ditiragalo tsa thuto mo khalentareng. Dirisa diura go bua ka nako ya diura di le12, halofo ya diura le kgweditharo ya diura. 	<p>Bua ka ga nako</p> <ul style="list-style-type: none"> Buisa letlha mo alemanakeng. Kwala matsatsi a botsalo , meletlo ya sedumedi,matsatsi a boikhutso, matsatsi a di tiragalo tsa historí le ditiragalo tsa thuto mo khalentareng Bua nako ya diura di le 12 ka: Diura Halofo ya diura Kgweditharo ya ura Metsotsos Mo tshupanako ya manaka le mo go ya panya-panya le selefouno. <p>Balela bolele jwa nako le go tsamaya ga nako</p> <ul style="list-style-type: none"> Dirisa khalentara go balela le go thhalosa bolele jwa nako go ya ka: - Matsatsi - Dibeke - Dikgwedi Fetolela magareng ga matsatsi le dibeke Fetolela magareng ga dibeke le dikgwedi. Dirisa tshupanako go bua ka bolele jwa nako ka: - Diura - Halofo ya ura - Kgweditharo ya diura

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
4.2 Bolele	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang
	<ul style="list-style-type: none"> Bapisa le go rulaganya bolele, bogodimo, kgotsa bophara, jwa dilo tse pedi kgotsa go feta ka go di bapisa. Dirisa puo go bua ka ga papiso sekao: telele, khutshwane, telele thata, sephara thata Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Tihalosa bolelele jwa didiriswa ka go bala le go kwala bolele o dirisa ditekanyo tse di sa tlhomamang. 	<ul style="list-style-type: none"> Bapisa le gorulaganya bolele, bogodimo, kgotsa bophara, jwa dilo tse pedi kgotsa go feta ka go di bapisa. Dirisa puo go bua ka ga papiso sekao: telele, khutshwane, telele thata, sephara thata Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Tihalosa bolelele jwa didiriswa ka go bala le go kwala bolele o dirisa ditekanyo tse di sa tlhomamang 	<ul style="list-style-type: none"> Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Tihalosa bolelele jwa didiriswa ka go bala le go kwala bolele o dirisa ditekanyo tse di sa tlhomamang 	<ul style="list-style-type: none"> Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Tihalosa bolelele jwa didiriswa ka go bala le go kwala bolele o dirisa ditekanyo tse di sa tlhomamang Phopholetsa, lekanya, bapisa, rulaganya le go kwala bolele o dirisa selekanyo se se sa tlhomamang sekao: boalo jwa lebogo, bolelele jwa phensele le dibadisi. Tihalosa bolelele jwa didiriswa ka go bala le go kwala bolele o dirisa ditekanyo tse di sa tlhomamang
4.3 Boima / Bokete	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang	Go lekanyetsa go go sa tlhomamang
		<ul style="list-style-type: none"> Lekanya le go rulaganya bokele jwa didiriswa tse pedi kgotsa go feta ka go di tshwara kgotsa go dirisa sekale. 	<ul style="list-style-type: none"> Fopholetsa, lekanya, bapisa le go rulaganya o kwala bokele o dirisa sekale le dikale tse e sang tsa nnene jaaka ditene le diboloko. 	<ul style="list-style-type: none"> Fopholetsa, lekanya, bapisa le go rulaganya o kwala bokele o dirisa sekale le dikale tse e sang tsa nnene jaaka ditene le diboloko.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
4.3 Boima / Bokete	<ul style="list-style-type: none"> Dirisa puo go bua ka ga papiso sekao bofeso, boima, bofeso thata, boima thata Dirisa puo go bua ka papiso ya boima, boima thata, bofeso, boima thata 	<p>Itsise ka ga go lekanyetsa go go tlhomameng</p> <ul style="list-style-type: none"> Bapisa, rulaganaya le go kwala bokete jwa dillo tse di rekisiwang jo tse di nang le bokete/boima jo bo kwa dilweng ka dikilograma, sekao, dikilograma tse 2 tsa raese le kilograma e 1 ya folouru. Lekanyetsa bokete jwa gago ka go dirisa sekale sa ntswana ya go tlhapela se se nang le dikilograma 	<p>Itsise ka ga go lekanyetsa go go tlhomameng</p> <ul style="list-style-type: none"> Bapisa, rulaganaya le go kwala bokete jwa dillo tse di rekisiwang jo bokete jwa tsena bo leng ka diyuniti tsa bokete jaaka kilograma sekao. Dikilograma di le 2 tsa mmopo le kilograma e le 1 ya reisi. Dikerama sekao dikilograma tse 500 tsa letswe tlhomameng Lekanyetsa bokete jwa gago ka go dirisa sekale sa ntswana ya go tlhapela se se nang le dikilograma (Ga go fetolelwé magareng ga dikilograma le dikerama tse di tlhogalang) 	<p>Go lekanya go go sa tlhomamang</p> <ul style="list-style-type: none"> Thalosa bokete jwa didiriswa ka go bala le go kwala bokete ka diyuniti tse di sa tlhomamang. Dirisa puo go bua ka papiso ya sekao bofeso, boima, bofeso thata, boima thata
4.4 Mothamo / Bolumu		<p>Go lekanya go go sa tlhomamang</p> <ul style="list-style-type: none"> Bapisa le go rulaganaya selekanyo (mothamo) sa metsi mo teng ga dikgame lo tse pedi di bapitswe. Barutwana ba netefatsa ka go tshela metsi mo kgamelong ya boraro fa go tlhogalaga. Bapisa le go rulaganaya selekanyo (bolumu) sa metsi se dikgame lo tse pedi di ka tladiwang ka sona. Dirisa puo go bua ka ga papiso sekao: e ntsi go, e nnye go, e tliese, e lolea. 	<p>Go lekanya go go sa tlhomamang</p> <ul style="list-style-type: none"> Bapisa le go rulaganaya selekanyo (mothamo) sa metsi mo teng ga dikgame lo tse pedi di bapitswe. Barutwana ba netefatsa ka go tshela metsi mo kgamelong ya boraro fa go tlhogalaga. Bapisa le go rulaganaya selekanyo (bolumu) sa metsi se dikgame lo tse pedi di ka tladiwang ka sona. Dirisa puo go bua ka ga papiso sekao: e ntsi go, e nnye go, e tliese, e lolea. 	<p>Go lekanya go go sa tlhomamang</p> <ul style="list-style-type: none"> Fopholetsa, lekanya, bapisa le go kwala selekanyo sa mothamo wa dikgame lo (go raya gore selekanyo se kgamel e ka se tsayang fa e tladitswe) o dirisa dilekanyetso tse di sa tlhomamang sekao maswana le dikopi. Fopholetsa, lekanya, bapisa, rulaganaya le go kwala mothamo wa dikgame lo o dirisa diyuniti tse di sa tlhomamang, sekao dikopile maswana.

SETLHOGO	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
4.4 Mothamo / Bolumu	<ul style="list-style-type: none"> Thhalosa mothamo wa dikganelo ka go bala le go kwala gore go tlatsa kgamelo go tsaya diyunti di le kae tse di sa thhomamang tsa dikopi tse nne. <p>O itsese ka ga ditse a tse di thhomameng</p> <ul style="list-style-type: none"> Fopholetsa, lekanya, bapisa, rulaganya le go kwala mothamo wa dikgameo tse di lekanyediwang ka diletara. Bapisa, rulaganya le go kwala mothamo wa didiriswa tse di phuthetsweng go kwadiwe diletara mo go tsone sekao diletara tse 2 tsa maswi, le litara e le 1 ya senotsididi, diletara tse 5 tsa pente kgotsa di kwadiwe ka dimililetara sekao dimililetara di le 500 tsa maswi, dimililetara di le 340 tsa senotsididi, dimililetara di le 750 tsa oli. 	<ul style="list-style-type: none"> Thhalosa mothamo wa dikgamelo ka go bala le go kwala gore ke diyunti tse di sa thhomamang tse kae tse o ka tlatsang kgamelo ka tsona sekao bottolo e na le mothamo wa dikopi tse nne. <p>O itsese barutwana ka go dirisa ditse a tse di thhomameng</p> <ul style="list-style-type: none"> Fopholetsa, lekanya, bapisa, rulaganya le go kwala mothamo wa didiriswa ka go dirisa ditekanyo tsa diletara, halofo ya litara le kwatara ya letara. Bapisa, rulaganya le go kwala mothamo wa didiriswa tse di phuthetsweng go kwadiwe diletara mo go tsone sekao diletara tse 2 tsa maswi, le litara e le 1 ya senotsididi, diletara tse 5 tsa pente kgotsa di kwadiwe ka dimililetara sekao dimililetara di le 500 tsa maswi, dimililetara di le 340 tsa senotsididi, dimililetara di le 750 tsa oli. Itse gore kopie twaelegileng e thhomameng ke dimililetara di le 250. Itse gore leswana le le nnye le le twaelegileng le le thhomameng ke dimililetara di le 5 (Ga go tlholege phetlolelo ya dimililetara le diletara) 	<p>Bolele jwa molelwane wa selo (Perimeta)</p> <p>Battisisa setkgala se go dikologa tekanyothakorepopogopedi (2-D) le didiriswa tsa tekanyothakore tharo (3-D) ka go dirisa papiso e lebaganeng kgotsa diyunti tse di sa thhomamang.</p> <p>Boathamo (Area)</p> <p>Battisisa boathamo o dirisa dithaela.</p>	
4.5 Bolele jwa molelwane wa selo(Perimeta) le boathamo(Area)				

**THADISO YA KGATO YA MOTHEO
5. GO DIRA KA TSHEDIMOSETSO YA DIPALO**

Kgatelepele mo go direng ka dipalo tsa tshedimosetso

- Kgatelepele e kgolo mo go lekanyetseng tsamaiso ya tshedimosetso go kgabaganya mephato e fithelelwaa ka kitsiso ya:
 - tswelela mo go direng ka didiriswa go ya go dira ka tshedimosetso
 - dira ka dipopego tse dintshwa tse di dirang ka tshwantshiso ya tshedimosetso
- Barutwana ba tshwanetse go go dira ka tshedimosetso e feleletseng bonnye ngwaga otthe-se se akaretsa go kgobokanya le go rulaganya tshedimosetso, go tshwantshisa tshedimosetso, go utolola, ranola le go bega tshedimosetso
- Dingwe tsa dintilha tse di fa godimo tsa go dira ka dipalo tsa tshedimosetso di ka dirwa jaaka ditirwana tse di kgethegileng

DITENG	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
5.1 Kgobokanya le go thaola didiriswa	Kgobokanya le go rulaganya didiriswa kgobokanya le go thaola didiriswa tse di kgonngwang letsatsi le letsatsi	Kgobokanya le go rulaganya didiriswa tse di kgonngwang. Kgobokanya le go thaola didiriswa tse di kgonngwang letsatsi le letsatsi		
5.2 Bapisa Tshwantshisa didiriswa tse di thiaotsweng di bo di kgobokanngwa	Tshwantshisa didiriswa tse di thiaotsweng di bo di kgobokanngwa Thaola setshwantsho sa didiriswa tse di kgobokantsweng	Tshwantshisa didiriswa tse di thiaotsweng di bo di kgobokanngwa Thaola setshwantsho sa didiriswa tse di kgobokantsweng		
5.3 Buisana le go bega ka ga didiriswa tse di thiaotsweng di kgobokantswe	Buisana le go bega ka ga didiriswa tse di thiaotsweng di kgobokantswe Buisana le go bega ka ga didiriswa tse di thiaotsweng di kgobokantswe	Buisana le go bega ka ga didiriswa tse di thiaotsweng di kgobokantswe Buisana le go bega ka ga didiriswa tse di thiaotsweng di kgobokantswe	<ul style="list-style-type: none"> • Neela mabaka a gore kgobokanya e thiaotswe jang • Araba dipotso ka ga: <ul style="list-style-type: none"> - Thaoeo e diriwe jang (dikgato/ thulaganyo) - Didiriswa tse di thiaotsweng di lebega jang(kungo) • Thaloso ya kgobokanya /moothalo • Thalosa ya gore kgobokanya e thiaotswe jang 	

DIPALO TSA MOPHATO R

DITENG	MOPHATO R	MOPHATO 1	MOPHATO 2	MOPHATO 3
5.4	Kgobokanya le go rulaganya dipalo tsa tshedimosesto	Kgobokanya le go rulaganya dipalo tsa tshedimosesto.	Kgobokanya le go rulaganya dipalo tsa tshedimosesto	Kgobokanya le go rulaganya dipalo tsa tshedimosesto
	.Kgobokanya dipalo tshedimosesto ka phaposi kgotsa sekolo go araba dipotsa tse di bodiwang ke morutabana	Kgobokanya dipalo tshedimosesto ka phaposi kgotsa sekolo go araba dipotsa tse di bodiwang ke morutabana	Kgobokanya dipalo tshedimosesto ka phaposi kgotsa sekolo go araba dipotsa tse di bodiwang ke morutabana	Kgobokanya dipalo tshedimosesto ka phaposi kgotsa sekolo go araba dipotsa tse di bodiwang ke morutabana
		Rulaganya dipalo tshedimosesto tse di neetsweng ke morutabana kgotsa di le mo bulkeng ya tirokwakelelo Rulaganya dipalo tshedimosesto go ya ka	Rulaganya dipalo tshedimosesto tse di neetsweng ke morutabana kgotsa di le mo bulkeng ya tirokwakelelo Rulaganya dipalo tshedimosesto go ya ka	Rulaganya dipalo tshedimosesto tse di neetsweng ke morutabana kgotsa di le mo bulkeng ya tirokwakelelo Rulaganya dipalo tshedimosesto go ya ka
		Mananeo	Mananeo	Mananeo
		Lenaaneng	Lenaaneng	Lenaaneng
5.5	Emela tshedimosesto ya dipalo.	Emela tshedimosesto ya dipalo.	Emela tshedimosesto ya dipalo.	Emela tshedimosesto ya dipalo.
	Emela tshedimosesto ya dipalo	<ul style="list-style-type: none"> Emela tshedimosesto mo kerafong ya setshwantsho. Kerafo e e lekanyeditsweng go nyalana ka bongwe- ka -bongwe (1 to 1) 	<ul style="list-style-type: none"> Emela tshedimosesto mo kerafong ya setshwantsho. Kerafo e e lekanyeditsweng go nyalana ka bongwe- ka -bongwe 	<ul style="list-style-type: none"> Rulaganya tshedimosesto mo: - Tshwantshisa tshedimosesto mo Kerafong e e lekanyeditsweng go nyalana ka bongwe- ka- bongweU
5.6	Utolola le go ranola dipalo tsa tshedimosesto	Utolola le go ranola dipalo tsa tshedimosesto	Utolola le go ranola dipalo tsa tshedimosesto	Utolola le go ranola dipalo tsa tshedimosesto
	Utolola le go ranola dipalo tsa tshedimosesto	Araba dipotsa ka dipalo tshedimosesto mo kerafong ya setshwantsho	Araba dipotsa ka tshedimosesto ya dipalo mo setshwantshong	Araba dipotsa ka tshedimosesto ya dipalo
			<ul style="list-style-type: none"> se se lekanyeditsweng go nyalana ka bongwe- ka -bongwe. 	<ul style="list-style-type: none"> setshwantsho se se lekanyeditsweng go nyalana ka bongwe- ka- bongwe
				<ul style="list-style-type: none"> Molanoko

3.3 TLHALOSO YA DITENG

Mo karolong e ya tlhaloso ya diteng, barutabana ba neetswe:

- thadiso ya kgweditharo ya Mophato R-3
- tatelano ya ditlhogo e e tsitshintsweng go ya ka dikgweditharo: ga se dintlha tsotlhe tsa ditlhogo tse di rutiwang mo kgweditharong, dingwe tsa dintlha tsa ditlhogo tse di rileng, di tlhoka go rutiwa pele ga dintlha tsa ditlhogo tseo;
- Nako e e tshitshintsweng ya ditlhogo mo tsamaong ya ngwaga. Diteng le dithogo dingwe tsa dirutwa di tlhoka nako e ntsi go feta tse dingwe, ditlhogo tse dingwe, le
- Tlhaloso ya diteng le dikaelo tsa go ruta mmgogo le dikao, di neetswe mo go maleba.

Diteng tsa serutwa sengwe le sengwe di kgaogantswe go ya ka ditlhogo. Diteng tsa dirutwa tsotlhe di tshwanetse go rutiwa kgweditharo nngwe le nngwe. Tatelano ya ditlhogo go ya ka dikgweditharo di naya kakanyo ya kgaoganyo ya ditlhogo tse di tlhokang go rutwa mo ngwageng le tse di tlhokang go boelediwa mo ngwageng. Ga go botlhokwa go ruta ditlhogo tsotlhe fa o ruta Boalo le Popego (Jeometeri), Tekanyo le go dira ka tshedimosetso ya Dipaloalo mo kgweditharong nngwe le nngwe. Le gale, dithogo tsotlhe di tshwanetse go rutiwa mo tsamaong ya ngwaga

Mo kgaolong ya bobedi (temana 2.6) boleng jwa diteng tsa serutwa bo neetswe. Fa se, se kopanngwa le diura tse di rebotsweng mo ngwageng o kcona go tlhakanya diura tsa diteng tsa serutwa sengwe le sengwe.

Barutabana ba ka nna ba itlhophela go rulaganya le gobaya nako e morutabana a tshwanetseng go e dirisetsa go ruta serutwa ka mokgwa o o farologaneng le o o atlenegisisitsweng mo kgaolong e. Barutabana ba ka nna ba fetola nako e e thitshintsweng ya ditlhogo tse di neetsweng go le gonne. Le gale, ba tshwanetse go tlhokomela boleng le diura tse di abetsweng diteng tsa serutwa mo Kgatong ya Motheo wa serutwa sa Dipalo

- **Mophato R-** Dipalo di mo sebopengong sa tshimologo ya dipalo, ka jalo ga di a kgaoganngwa ka dinako tsa dithuto. Morutabana wa mophato R o tshwanetse go tsenyeletsa dipalo mo ditirwaneng tsa letsatsi le letsatsi tsa morutwana le fa nako e tshwanetse go bewa kwa thoko mo tsamaong ya letsatsi mo morutabana a tsepamang fela mo tirwaneng ya dipalo, e seng jalo, barutwana ga ba kitla ba nna le temogo le kgodiso ya dikgopolole dikgono tsa dipalo tse di lebeletsweng.
- Nako ya Mephato ya 1-3 e abilwe ka tsela e e latelang:
 - **Diura di le supa di tshwanetse go dirisediwa go ruta Dipalo mo bekeng** (dibeke tse 10 x dikgweditharo tse 4 x diura di le 7=Diura di le 280 ka ngwaga)
 - Thuto nngwe le nngwe ya Dipalo ya mophato 1 go fitlha 3 e tshwanetse go rutwa mo ureng e le nngwe le metsotsi e le 24 ka letsatsi.
 - Se se raya gore go na le dikgweditharo di le nne tsa dibeke di le 10 ka matsatsi a le matlhano letsatsi le letsatsi (go simologa ka Mosupologo go fitlha ka labothano) mo dithutong tsa beke.
 - Mo tshimologong ya kgweditharo nngwe le nngwe, go tshwanetse ga nna le beke eo mo go yona go kaelwang le go tiisiwa tiro e e fetileng, ka gore bana ba na le go lebale ditengtse dintsii ka nako ya matsatsi a boikhutso le go tswa mo tlwaelong ya go ya kwa sekolong. Letlelela beke e le nngwe mo bokhutlong jwa kgweditharo go tiisa kitso ka ga dikgopolole. Se se go naya $8 \times 4 \times 5 =$ dithuto tse 160

3.4 TATELANO LE NAKO E E TLHAOLETSWENG DITENG

Mophato wa R-3 o neetswe manaane a a latelang a kgweditharo nngwe le nngwe:

- Nako e e tlhaoletsweng ditlhogo tsa ngwaga otlhe (e bontsha kgaoganyo ya ditlhogo mo kgabaganyong ya dikgweditharo le go atlenegisa nako e e tshwanetseng go dirisiwa mo setlhogong sengwe le sengwe sa diteng tsa serutwa)
- Tatelano ya ditlhogo mo ngwageng (e bontsha gore ditlhogo di abilwe jang mo kgweditharong le tsweletso ya dikgopoloo le dikgono mo kgabaganyong ya dikgweditharo)
- Dintlha tse di tlhalosang di neetswe go ya ka setlhogo sengwe le sengwe- manaane a, neela tlhaloso ya diteng le dikaelo tsa setlhogo sengwe le sengwe jaaka se latedisitswe mo kgabaganyong ya dikgweditharo

Thulaganyetsothuto – kabo ya nako mo kgweditharong go ya ka setlhogo

Thuto ya dipalo ke setlhogo se se botlhokwa thata mo Kgatong ya thuto ya Motheo ya serutwa sa Dipalo. Mo nakong e ntsi, beke nngwe le nngwe, kgweditharo le mo ngwageng, e tsepamedisitswe mo thutong ya Dipalo, Matshwao le Dikgolagano. Mo selekanong, dithuto tse tharo kgotsa go feta mo bekeng e le nngwe di tshwanetse go tsepamisiwa mo Dipalong, Matshwao le Dikgolagano. Nako e nngwe, e e salang e kgaoganngwe magareng ga dirutwa tse dingwe.

Boalo le Popego le Tekanyo di tlhoka nako e ntsi le kelotlhoko go feta dipalo tsa go dira ka Tshedimosetso le Dipaterone, ditiro le Alejebera. Manaane a a fa tlase a supa gore ke dithuto di le kae tse di ka abelwang diteng tsa serutwa sengwe le sengwe le setlhogo sa mophato mogwe le mongwe mo Dipateroneng,Ditirisong le Alejebera, Boalo le Popego, Tekanyo le dipalo tse di dirang ka tshedimosetso.

Kabelano ya diteng tsa serutwa le ditlhogo mo dithutong mo mophatong wa R

Popego ya dipalo mo mophatong wa R, ke ya dipalo tsa tshimologo ka ga moo nako e e latelang e e abilweng e tshitsinyedswe tsepamiso mo thutong ya dipalo ga mmogo le ditirwana tse di sa tlhomamang. Se, se netefatsa kakaretso e e feletseng mo diteng tsa serutwa tse di neetsweng. Ditirwana tsa dipalo tsa tshimologo e ka nna go bala palo ya di dijelo le dibikiri tse o ba nayang tsone fa ba ja, go bala metshameko e e tshamikiwang kwa ntle, metshameko e e tshamikiwang mo teng ga phaposi jaaka ditomino le dijikiso phasele jalo jalo. Morutabana o tshwanetse go rulaganya ditirwana tsotlhe go ya ka ditlhokego tsa barutwana le didirswa tse di leng teng mo phaposing.

Boalo le popego ke karolo e e botlhokwa ya kgolo ya morutwana yo monnye mo dipalong, e tshwanetse go anamisiwa mo bekeng, ka ditiragalo tse dingwe tse di tsepamisitsweng ka fa tlase ga kaelo ya morutabana le ditshono tsa go aga, mmu le motshameko wa metsi le barutwana

Tekanyo e tshwanetse ga akarediwa mo ditirwaneng tsa go bala, sekao go fopholetsa le go bala o lekanya sekgala ka diatla, maoto le dikgato

Go tshwaya rejisitara le tshate ya maemo a bosa go naya morutabana tshono ya **Go dira ka Dipalo tsa tshedimosetso**

Lenaane 3.1: Kabo ya nako go ya ka diteng tsa beke

Diteng tsa serutwa	Ditlhogo	Nako e e tsitshintsweng
Dipalo, Matshwao le Dikgolagano	Go bala Temogo ya dipalo Supa le go tlhalosa dipalotlalo Kgopolopalo Go rarabolola dipalo	Metsotso e le 120
Dipaterone, Ditiriso le Alejebera	Kopolola, atolosa le go aga dipaterone tsa bone	Metsotso e le 80
Boalo le Popego (Jeometeri)	Lemoga, tlhopha le go neela maina a tekanyo ya popegopedi (2-D) le ditshwantsho Tekanyo ya popego Aga dipopego tekanyo ya tlhakoretharo (3-D) o dirisa didiriswa tse di kgonngwang. Dikamano tsa boalo Dikaelo	Metsotso e le 80
Tekanyo	Nako Boleele Boima Mothamo	Metsotso e le 80
Go dira ka dipalo tsa tshedimosetso	Kgobokanya, tlhaola, tshwantsha, bala le go emela tshedimosetso	Metsotso e le 60
Palogotlhé		Metsotso e le 420 Diura di le 7 ka beke

- Kabo ya diteng tsa serutwa le ditlhogo tsa dithuto tsa Mephato 1 go ya go 3**

Palogare ya dithuto di le tharo mo bekeng (magareng ga diura di le 4 le $4\frac{1}{2}$) e dirisetswa go ruta Dipalo, Matshwao le Dikgolagano mo Mephatong 1, 2 le 3. Dithuto tse pedi tse di salang (ke gore tse di mo magareng ga diura di le $2\frac{1}{2}$ le 3) di kgaoganngwe fa gare ga ditlhogo tse dingwe tsa diteng tsa dirutwa go ya ka mokgwa o o tsitshintsweng fa tlase.

Lenaneo 3.2: Palo ya dithuto tse di tsitshintsweng tsa diteng tsa serutwa tsa kgweditharo tsa Mophato 1

DITENG TSA SERUTWA	SETLHOGO	NOMERE YA DITHUTO				
		Kgwed-itharo 1	Kgwed-itharo 2	Kgwed-itharo 3	Kgwed-itharo 4	Gotlhé
Dipalo, matshwao le dikgolagano	Ditlhogo tsotlhe tsa Dipalo, matshwao le dikgolagano	22	30	28	25	105
Dipaterone mediro le Alejebera	Dipaterone tsa Dipalo	3	3	3	3	12
	Dipaterone tsa tekano	1	1	1	1	4
Boalo le popego (Tekano)	Tekatekanyo ya dipopegotlhakorepedi (2-D)		3		3	6
	Tekanyo ya popegotlhakoretharo (3 D)	3		2	1	6
	Maemo, kitsiso, le dikakanyo	2			1	3
	Tekatno			1	1	2
Tekano	Nako	2				2
	Boleele	2		2		4
	Boima	2			2	4
	Mothamo/bolumu	1	2		1	4
Go dira ka Dipalo tsa tshedimosetso	Kgobokanya, rulaganya le go lokolola didiriswa	2	1			3
	Sediko sotlhe sa tshedimosetso			3		3
	Dikarolo tsa sediko sa tshedimosetso				2	2
Palo yotlhé ya dithuto		40	40	40	40	160

DIPALO TSA MOPHATO R

Lenaneo 3.3: Palo ya dithuto tse di tsitshintsweng tsa diteng tsa serutwa tsa kgweditharo tsa Mophato 2

DITENG TSA SERUTWA		SETLHOGO	NOMERE YA DITHUTISO				
			Kgwed- itharo 1	Kgwed- itharo 2	Kgwed- itharo 3	Kgwed- itharo 4	Gotlhe
Dipalo, matshwao le dikgolagano		Ditlhogo tsotlhe tsa Dipalo, matshwao le dikgolagano	24	25	24	26	99
Dipaterone, ditiriso le Alejebera	Dipaterone tsa Dipalo	3	3	3	3	3	12
	Dipaterone tsa Tekanyo	1	1	1	1	1	4
Boalo le popego (Jeometeri)	Dipopego tsa tekanyotlhakoreopedi (2-D)		3		3		6
	Dipopego tsa tekanyotlhakoretharo (3 D)	3		2	1		6
	Maemo, kitsiso le dikakanyo		2	1			3
	tekanyo		1		1		2
Tekanyo	Nako	3	1	3	1		8
	Boleele	3			1		4
	Boima		3		1		4
	Mothamo/bolumu			3	1		4
	Perimeta						
	Area						
Go dira ka Dipalo tsa tshedimosetso	Sediko sa tshedimosetso yotlhe	3		3			6
	Dikarolo tsa sediko sa tshedimosetso		1		1		2
Palo yotlhe ya dithutio			40	40	40	40	160

Papetiana 3.4: Palo ya dithuto tse di tsitshintsweng tsa diteng tsa serutwa tsa kgweditharo tsa Mophato 3

DITENG TSA SERUTWA		SETLHOGO	NOMERE YA DITHUTISO				
			Kgwed- itharo 1	Kgwed- itharo 2	Kgwed- itharo 3	Kgwed- itharo 4	Gotlhe
Dipalo, matshwao le dikgolagano		Ditlhogo tsotlhe tsa Dipalo, matshwao le dikgolagano	26	22	19	27	94
Dipaterone, mediro le Alejebera	Popegopaloo	3	3	3	3	3	12
	Dipaterone tsa tekanyo	1	1	1	1	1	4
Boalo le popego (JEOMETRI)	Dipopego tekanyotlhakore pedi (2-D)	2		2			4
	Dipopego tekanyotlhakore tharo (3 D)		3	3	1		7
	Maemo, kitsiso le dikakanyo		2	3			5
	Tekano		2		1		3
Tekanyo	Nako	3	2	3	2		10
	Boleele		2	2			4
	Boima		2		1		3
	Mothamo/bolumu	2			1		3
	Perimeta			1			1
	Area				2		2
Go dira ka dipalo tsa tshedimosetso	Sediko sa tshedimosetso yotlhe	3		3			6
	Dikarolo tsa sediko sa tshedimosetso		1		1		2
Palo yotlhe ya dithuto			40	40	40	40	160

- Thadiso ya Mophato R ya kgweditharo

THADISO YA DIPALO YA MOPHATO R
1. DIPALO, MATSHWAO LE DIKGOLAGANO

GO BALA	DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
1.1 Bala didiriswa (Fopholetsa le go bala didiriswa go aga palokgopololo)	Tlhatthamano ya palo 1-5 <ul style="list-style-type: none"> Nyalano ya bongwe-ka-bongwe Itsise ka ga karata ya mothusi le mokgwa o dilapolosi di neelwang ka tatelelo ka teng <ul style="list-style-type: none"> Bala ka bongwe <ul style="list-style-type: none"> - didiriswa tse di kgonngwang - dikarolo tsa mmele - gol opa diatla - Iba kiba-kiba/go gataka maoto ka thata - go palama mapalalamo - go palama mapalalamo Poeletso ya go bala dipalo - diraeme tsa dipalo le dipina 	Tlhatthamano ya palo: 1-7 <ul style="list-style-type: none"> Nyalano ya bongwe-ka-bongwe Tiisa tiriso ya karata ya mothusi letsatsi le letsatsi <ul style="list-style-type: none"> Bala ka bongwe <ul style="list-style-type: none"> - didiriswa tse di kgonngwang - dikarolo tsa mmele - gol opa diatla - Iba kiba-kiba/go gataka maoto ka thata - go palama mapalalamo - go palama mapalalamo Poeletso ya go bala dipalo - diraeme tsa dipalo le dipina 	Tlhatthamano ya palo: 1 to 10 <ul style="list-style-type: none"> Nyalano ya bongwe-ka-bongwe Tiisa tiriso ya karata ya mothusi letsatsi le letsatsi <ul style="list-style-type: none"> Bala ka bongwe <ul style="list-style-type: none"> - didiriswa tse di kgonngwang - dikarolo tsa mmele - gol opa diatla - Kiba-kiba/go gataka maoto ka thata - go palama mapalalamo - go palama mapalalamo Poeletso ya go bala dipalo - diraeme tsa dipalo le dipina 	Tlhatthamano ya palo: 1 to 10 <ul style="list-style-type: none"> Nyalano ya bongwe-ka-bongwe Tiisa tiriso ya karata ya mothusi letsatsi le letsatsi <ul style="list-style-type: none"> Bala ka bongwe <ul style="list-style-type: none"> - didiriswa tse di kgonngwang - dikarolo tsa mmele - gol opa diatla - Kiba-kiba/go gataka maoto ka thata - go palama mapalalamo - go palama mapalalamo Poeletso ya go bala dipalo - diraeme tsa dipalo le dipina 	Tlhatthamano ya palo: 0 to 10 <ul style="list-style-type: none"> Nyalano ya bongwe-ka-bongwe Tiisa tiriso ya karata ya mothusi letsatsi le letsatsi <ul style="list-style-type: none"> Bala ka bongwe <ul style="list-style-type: none"> - didiriswa tse di kgonngwang - dikarolo tsa mmele - gol opa diatla - Kiba-kiba/go gataka maoto ka thata - go palama mapalalamo - go palama mapalalamo Poeletso ya go bala dipalo - diraeme tsa dipalo le dipina
1.2 Bala go ya pele le kwa morago	Tlhatthamano ya palo: 1 <p>Go ipalela o dirisa diraeme tsa dipalo le dipina, dibadisi, didiriswa tsa tekanyothakoretharo (3-D), go bala o dirisa dikarolo tsa mmele</p>	Tlhatthamano ya palo: 1 - 4 <p>Go ipalela o dirisa diraeme tsa dipalo le dipina, dibadisi, didiriswa tsa tekanyothakoretharo (3-D), go bala o dirisa dikarolo tsa mmele</p>	Tlhatthamano ya palo: 1 - 7 <p>Go ipalela o dirisa diraeme tsa dipalo le dipina, dibadisi, didiriswa tsa tekanyothakoretharo (3-D), go bala o dirisa dikarolo tsa mmele</p>	Tlhatthamano ya palo: 0 - 10 <p>Go ipalela o dirisa diraeme tsa dipalo le dipina, dibadisi, didiriswa tsa tekanyothakoretharo (3-D), go bala o dirisa dikarolo tsa mmele</p>	Bala ka: <ul style="list-style-type: none"> bongwe bongwe bobedi

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
1.3 Letsshaopalo le leinapalo (Lemoga le go supa matshaopalo le mainapalo)	<p>Tlhatlhhamano ya palo:</p> <ul style="list-style-type: none"> • Matshwaopalo: 1 • Mainapalo: nngwe 	<p>Tlhatlhhamano ya palo:</p> <ul style="list-style-type: none"> • Matshwaopalo: 2 - 4 • Mainapalo: pedi, tharo, nne. 	<p>Tlhatlhhamano ya palo:</p> <ul style="list-style-type: none"> • Matshwaopalo: 5 - 7 • Mainapalo: tlhano, thataro, supa 	<p>Tlhatlhhamano ya palo:</p> <ul style="list-style-type: none"> • Matshwaopalo: 0 - 10 • Mainapalo: lefela, robedi, robongwe, lesome

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
1.4 Thalosa, bapisa le go rulaganya dipalo Dirisa dipalo ka bokao jo bo twaelegileng	<p>Dirisa dipalo ka bokao jo bo twaelegileng</p> <ul style="list-style-type: none"> Morutwana o tshwanetse go itse dingwaga tsa gagwe Go tshwaya rejisitara letsatsi le letsatsi Dirisa ditsela tse di farologaneng go tshwaya rejisitara ya letsatsi le letsatsi sekao A morutwana yo o nang le letsihwao la bebeitsidii/ setshwantsho o teng gompieno? A morutwana yo leina la gagwe e leng Ntobeko o teng gompieno? A morutwana yo leina la gagwe e leng Ntobeko le wa sefane sa Lobelio, o teng gompieno? 	<p>Dirisa dipalo ka bokao jo bo twaelegileng</p> <ul style="list-style-type: none"> Morutwana o tshwanetse go itse dipalo tsa mogala le tsa mogala wa lotheka (dipalo tsa motsadi) Tiisa tiriso ya dipalo ka go feleletsa rejisitara ya kgweditharo ya nthia A morutwana yo o ketekang letsatsi la gagwe la matsalo ka di 16 Mopittwe, o teng gompieno? A morutabana yo o dulang mo mmiling wa Wendy 123 o teng gompieno? A morutabana yo o nang le mogala/ ka dipalo ya 082 1234567 o teng gompieno? 	<p>Dirisa dipalo ka bokao jo bo twaelegileng</p> <ul style="list-style-type: none"> Morutwana o tshwanetse go itse dipalo tsa mogala le tsa mogala wa lotheka (dipalo tsa motsadi) Tiisa tiriso ya dipalo ka go feleletsa rejisitara ya kgweditharo ya nthia Ke barutwana ba le ba kae ba ba sa tlhang sekolong gompieno? Re ka batlisisa jang? Bana ba buisana ka se magareng ga bona. Fopholetsa Bala dikhaboto tse di lolea Bala ditulu tse di lolea 	<p>Dirisa dipalo ka bokao jo bo twaelegileng</p> <ul style="list-style-type: none"> Tiisa tiriso ya dipalo ka go feleletsa rejisitara ya kgweditharo ya nthia A morutwana yo o ketekang letsatsi la gagwe la matsalo ka di 16 Mopittwe, o teng gompieno? A morutabana yo o dulang mo mmiling wa Wendy 123 o teng gompieno? A morutabana yo o nang le mogala/ ka dipalo ya 082 1234567 o teng gompieno? Supa dipalo mo ditshwantshong le mo maronthong (dots) Tshameka motshameko wa dikarata tsa dipalo Supa dipalo mo ditshwantshong le mo maronthong (dots) Tshameka motshameko wa dikarata tsa dipalo Supa dipalo mo phasalatsong/ dipampiri tsa tschedimosetso, dikarata tsa matsalo tsa bogologolo, jalo jalo Supa dipalo mo phasalatsong/ dipampiri tsa tschedimosetso, dikarata tsa matsalo tsa bogologolo, jalo jalo Supa dipalo mo phasalatsong/ dipampiri tsa tschedimosetso, dikarata tsa matsalo tsa bogologolo, jalo jalo Supa dipalo mo phasalatsong/ dipampiri tsa tschedimosetso, dikarata tsa matsalo tsa bogologolo, jalo jalo

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
KGOPOLAPO (DIKGOLAGANO)	<p>1.4 Tihatlhano ya palo: 1</p> <p>Thalosa, bapisa le go rulaganya dipalo (Supa le go thalosa dipalotlalo)</p> <p>Bapisa dilo tse di kgobokantsweng tse di neiweng mme o bue gore ke dife tse pedi tse di:</p> <ul style="list-style-type: none"> • Tona/kgolo le nnye • Tona /kgolo thata le nnye thata • Nnye thata thata le tonna thata thata (isise kgopol) • Rulaganya dilo tse di fetang tse pedi tsadidiriswa tse di kgobokantsweng, go tloga go e nnye thata go ya go e tonal/golo thata le tonna thata go ya go e nnye thata <p>a) Tona /kgolo le nnye b) Kgolo/tona thata le e nnye thata c) Nnye thata thata le tonna thata thata</p> <p>Bapisa dilo tse di kgobokantsweng tse di neiweng mme o bue gore ke dife tse pedi tse di:</p> <ul style="list-style-type: none"> • Ntsi go, nnye go, e lekana le • Bontsi le bonnye, Sekao, go opa diatla ka tshoganyetso • Ntsi le nnye, sekao, go opa diatla ka tshoganyetso. O botse dipotse gore ke opile diatla ga kae boraro, la bone , la bothano, ia borat <p>a) Ntsi go b) Nnye go c) Lekanang le (tshwana le)</p>	<p>Tihatlhano ya palo: 1 to 5</p> <ul style="list-style-type: none"> • Supa le go thalosa dipalotlalo go fittha ka 2,3 le 4 • Tiisa dipalo 1 go fittha ka 4 	<p>Tihatlhano ya palo: 1 to 7</p> <ul style="list-style-type: none"> • Supa le go thalosa dipalotlalo go fittha ka 5,6 le 7 • Tiisa dipalo 1 go fittha ka 7 	<p>Tihatlhano ya palo: 0 to 10</p> <ul style="list-style-type: none"> • Supa le go thalosa dipalotlalo go fittha ka 8,9,10 • Tiisa dipalo 0 go fittha ka 10

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
Palokemotatelano	Godisa temogo ya palokemotatelano ka tshoganyetso sekao, la nthia, la bobedi, la boraro....la bofelo • Itsise ka nako ya dijo le ka nako ya tiwaeio ya ntlobothusetso – ya nthia, ya bobedi, bofelo, e etlang	Godisa temogo ya palokemotatelano ka tshoganyetso sekao, la nthia, la bobedi, la boraro....la bofelo • Itsise ka nako ya dijo le ka nako ya tiwaeio ya ntlobothusetso – ya nthia, ya bobedi, bofelo, e etlang	Godisa temogo ya palokemotatelano ka tshoganyetso sekao, la nthia, la bobedi, la boraro, la bone, la botlhano....la bofelo • Boeletsa dipalokemotatelano ka tshoganyetso fa bana ba ya ntwaneng ya boithusetso • Ka nako ya ditirwana tsa lkatiso ya Mmele ya serutwa sa Dikgono tsa Botshelo, • Le ka nako ya ditirwana tsa botaki iwa boithamedi (mo go tshwanetseng teng)	Godisa temogo ya palokemotatelano ka tshoganyetso sekao, la nthia, la aro....la bofelo • Itsise palokemotatelano-la nthia, la bobedi, la boraro • Boeletsa dipalokemotatelano ka tshoganyetso ka tshoganyetso fa bana ba ya ntwaneng ya boithusetso • Ka nako ya ditirwana tsa lkatiso ya Mmele ya serutwa sa Dikgono tsa Botshelo, • Le ka nako ya ditirwana tsa botaki iwa boithamedi (mo go tshwanetseng teng)
RARABOLOLA DIPALO MO TRISONG O DIRISA DITOGAMAANO TSE DI LATELANG:				
1.6	O dirisa malepa a a latelang: Ditogamaano tsa go rarabolola dipalo (Dirisa malepa le ditogamaano tse di latelang)	O dirisa malepa a a latelang: • Didiriswa tse di kgonngwang, sekao, dibadisi • Llere ya dipalo	O dirisa malepa a a latelang: • Didiriswa tse di kgonngwang, sekao, dibadisi • Llere ya dipalo	O dirisa ditogamaano tse di latelang: • Didiriswa tse di kgonngwang, sekao, dibadisi • Llere ya dipalo

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
1.7 Go thakanya le go ntsha/tlosa Rarabololo dipalo tsa mafoko ka go bua (dipalo tsa kgang) le go tlhalosa ditharabololo tsa bona o akaretsa:	a) Go thakanya le go ntsha Dipalo tse dikarabo tsa tsona di fitheielang ka 10	• Dirisa dibadisi le go rarabolola dipalo ka molomo tse di akaretsang dipalo 2,3 le 4 • Gatelela tharabololo ya dipalo tse di akaretsang dipalo 1 go fittha ka 4	• Dirisa dibadisi le go rarabolola dipalo ka molomo tse di akaretsang dipalo 5,6 le 7 • Gatelela tharabololo ya dipalo tse di akaretsang dipalo 1 go fittha ka 7	• Dirisa dibadisi le go rarabolola dipalo ka molomo tse di akaretsang dipalo 8,9,10 le 0 • Gatelela tharabololo ya dipalo tse di akaretsang dipalo 1 go fittha ka 10

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
1.11 Tšhelete	<p>Tšhelete</p> <ul style="list-style-type: none"> Kgodiso ya temogo ya tšhelete a papetlana a Aforika Borwa 20c, 50c, R1, R2, R5 Supa mmala le phologolo e e tshwantshitsweng mo tšheleteng mangwe le mangwe Supa go tshwana le go farologana magareng ga tšheletea dipampiri, sk. Rulaganya tšhelete a a tshamekang go ya ka mmala le bogolo. Neelana ka tšhelete a motshameko mo sekhutwaneng sa kwa gae 	<p>Tšhelete</p> <ul style="list-style-type: none"> Kgodiso ya temogo ya tšhelete a pampiri a Aforika Borwa R10, R20, R 50, R100, R200 Supa go tshwana le go farologana magareng ga tšheletea dipampiri, sk. Rulaganya tšhelete a a tshamekang go ya ka mmala le bogolo. Neelana ka tšhelete a motshameko mo sekhutwaneng sa kwa gae 	<p>Tšhelete</p> <ul style="list-style-type: none"> Neelana ka tšhelete a go tshameka mo sekhutwaneng sa kwa gae 	<p>Tšhelete</p> <ul style="list-style-type: none"> O rarabolola ka go thakanya le go ntsha dipalo tse di neilweng ka molomo tse dikarabo tsatsona di fithang ka 10
BALELA O DIRISA:	1.13 Go thakanya le go ntsha/llosa (O rarabolola ka go thakanya le go ntsha dipalo tse di neilweng ka molomo tse dikarabo tsatsona di fithang ka 10)		O rarabolola ka go thakanya le go ntsha dipalo tse di neilweng ka molomo tse dikarabo tsatsona di fithang ka 7	O rarabolola ka go thakanya le go ntsha dipalo tse di neilweng ka molomo tse dikarabo tsatsona di fithang ka 10

DIPALO TSA MOPHATO R

Mefuta ya Dipalo tsa Mophato R

Dipalo tse di newang barutwana ba Mophato wa R di tshwanetse go akaretsa didiriswa tse di fitlhelwang mo phaposing, sekao, dibadisi, bana, ditlhako, o seka wa dira dikao ka dimonamone, mebutlwa, dithunya/malomo, jalo jalo. Ga se bana botlhe ba bannyé ba ba kgonang go dira e kete dibadisi kgotsa menwana ke mebutla-ba tlhoka didiriswa ka bo bona. Morutabana a ka nna a dirisa ditshwantsho fela mo halofong ya bobedi ya ngwaga. Didiriswa tse di kgonngwang le tsona di tshwanetse go ka bolokiwa-ditshwantsho di ka tlaleletsa, mme di seka tsa emela didiriswa tse di kgonngwang. Dithupana di ka dirisiwa fa morutabana a tlhoka didiriswa/dithusathuto.

Dipalo tse di latelang di bontsha mefuta ya dipalo, mme di tshwanetse go fetolwa ke morutabana go tshwanel a maemo a barutwana a go tlhaloganya.

Kgobokanyo

Go na le dikuku di le robedi (morutabana o ntsha dibadisi di le robedi kgotsa o bontsha barutwana setshwantsho sa dikuku di le robedi) Tlotlo o newa dikuku di le pedi letsatsi le letsatsi. O ya go newa dikuku matsatsi a le makae?

Kgaoganyo

Go na le dikuku di le thataro. (Morutabana o ntsha dibadisi di le thataro kgotsa o bontsha barutwana setshwantsho sa dikuku di le thataro). Dibera di le tharo di tshwanetse go kgaoganya dikuku gore tsotlhe di bone dipalo e e tshwanang ya dikuku. Bera e le nngwe e ya go bona dikuku di le kae?

Tlhakanya, ntsha, tlhakanya ka go boeletsa

Bana ba le babedi ba na le matlho a le makae?

Bana ba le bane ba na le ditsebe di le kae?

Go na le menwana e le mekae mo seatleng se le sengwe?

Go na le menwana e le mekae mo diatleng di le pedi?

Masego o na le didiriswa di le thataro. O naya Boitumelo di le pedi.O na le dibadisi di le kae jaanong?

Barutabana ba tshwanetse go kopanya mefuta ya dipalo letsatsi le letsatsi. Ba tshwanetse go oketsa bogolo jwa dipalo tse ba di dirisang ka bonya, ga ba tshwanel a go ikakanyetsa gore barutwana ga ba kgone go dira ka dipalo tse di tonnna/kgolo.

THADISO YA DIPALO YA MOPHATO R		2. DIPATERONE LE DITIRISO (XXX)		
DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
2.2 Dipaterone tsa Dipalo tsa Jeometeri (Kopoloia le go atolosa dipaterone tse di bonolo tse di ipoletsang o dirise didiriswa tse di kgonggwang le ditshwantsho)	<ul style="list-style-type: none"> Supa dipaterone mo diaparong, didirisweng le mo tikologong Kopoloia o feleletsse dipaterone Kopoloia dipaterone o dirisa mmele jaaka seletswa Kopoloia, feleletsse le go ithamela dipaterone 	<ul style="list-style-type: none"> Kopoloia, feleletsse le go ithamela dipaterone Kopoloia patrone e e neetsweng o dirisa tsheltele a dipapetlana 	<ul style="list-style-type: none"> Kopoloia, feleletsse le go ithamela dipaterone ka ditshwatsho 	<ul style="list-style-type: none"> Kopoloia, feleletsse le go ithamela dipaterone tsa kuto Kopoloia patrone ya modumo Tshameka motshameko wa patrone wa sekotshe

		THADISO YA DIPALO YA MOPHATO R 3. BOALO LE POPEGO (JEOMETERI)		
DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
3.1	<p>Botsalano jwa boalo Maemo a dillo di le pedi kgotsa go feta le kamano ya tsona le morutwana</p> <ul style="list-style-type: none"> • Fa pele ga le fa morago ga • Mo, mo godimo ga, fa tlase • Mo gare le kwa ntle • Kwa godimo le kwa tlase • Gaufi le mo gare • Mo gare • Molema le moja • Mo godimo le mo tlase <p>Motshameko wa kwa ntle o bothokwa. Ikatiso ya Jankele e ka dirisiwa go matlafatsa, sekao tse di lateiang:</p> <ul style="list-style-type: none"> • Dikgopololo tsu Dipalo • Botaki jwa Boithamedi • Thabololo/Kgolo mmele 	<p>Botsalano jwa boalo Maemo a selo se le sengwe kgotsa go feta di amana le tse dingwe</p> <ul style="list-style-type: none"> • Fa pele ga le fa morago • Mo, mo godimo ga, fa tlase ga • Gaufi le • Mo gare • Molema le moja • Tiro ya boto ya dithhomelwa <p>Tthalosa dillo go tswa mo maphateng a a farologaneng, sekao, mppopo, ntio go tswa kwa pele, kwa morago, kwa thoko go tswa gore o eme kae.</p> <ul style="list-style-type: none"> • Mo godimo, fa tlase • Gaufi le, mo gare • Molema le moja 	<p>Maemo a selo se le sengwe kgotsa go feta di amana le tse dingwe</p> <ul style="list-style-type: none"> • Fa pele ga le fa morago • Mo godimo, fa tlase • Gaufi le mo gare • Molema le moja <p>Maemo a selo se le sengwe kgotsa go feta di amana le tse dingwe</p> <ul style="list-style-type: none"> • Tiro ya boto ya dithhomelwa • Mo godimo, fa tlase • Gaufi le, mo gare • Molema le moja 	<p>Sala dikaelo morago (a le esi kgotsa e le tokolo ya setlhophha) go ipaya mo phatheng e e kgetheqileng (dikaelo)</p> <ul style="list-style-type: none"> • Tshupokaelo – kwa pele le kwa morago • Metshameko jaaka go batla terena khoso ya dikgoretetsi- ba sala dikaelo morago • Ditrwana tsu Thuto ya lkatiso mmele le mmno • Kwa pele/kwa morago • T'shate ya motsutsupu

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
<p>3.2 Didiriswa tsa tekanothakoretharo/mathakoretharo (3-D)</p> <p>Lemoga, tħaola/bontsha le go naya maina a dilo tsa tekano/pedi/mathakoretharo mo phaposiborutelong.</p> <p>a) dikgweli/dibolo b) dibokoso</p> <ul style="list-style-type: none"> • dikgweli/dibolo: itsise le go dirisa dikgweli/dibolo • dibokoso: itsise le go dirisa dibokoso 	<p>3.2 Didiriswa tsa tekanothakoretharo/mathakoretharo (3-D)</p> <p>Tħalosa, aroganya le go bapisa dilo tsa tħakoretharo/tekano/pedi/le dipopego tsa tħakorepedi/tekanotharo go ya ka:</p> <p>a) Bogolo (bogolo/bonnye) b) Mmala (kħibidu,botala iwa legodimo, serolvana, botala jwa tħaga) c) Popego (sediko, khuttoħaro, khuttonne, khuttonnetsepa) d) Dilo tse di pitikologang e) Dilo tse di relelang</p>	<ul style="list-style-type: none"> • Tħate ya Phepafatso (Karoganyo ya ditħħamekisi) • Bogolo: Aroganya dilo tse di tħakoretharo go ya ka bogolo. • Mmala: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka meħala dibadisi go ya ka meħala e: kħibidu, botala jwa legodimo, serolvana le botala jwa tħaga • Popego: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka dipopego. • Dilo tse di pitikologang <ul style="list-style-type: none"> - Tħaola le go thħothomisa dilo tse di pitikologang - Poeletso ya dilo tse di pitikologang • Dilo tse di relelang <ul style="list-style-type: none"> - Tħaola le go thħothomisa dilo tse di relelang - Tħaola le go thħothomisa dilo tse di ka relelang le go kgokologa 	<ul style="list-style-type: none"> • Bogolo: Aroganya dilo tse di tħakoretharo go ya ka bogolo. • Mmala: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka meħala dibadisi go ya ka meħala e: kħibidu, botala jwa legodimo, serolvana le botala jwa tħaga • Popego: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka dipopego. 	<ul style="list-style-type: none"> • Bogolo: Aroganya dilo tse di tħakoretharo go ya ka bogolo. • Mmala: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka meħala dibadisi go ya ka meħala e: kħibidu, botala jwa legodimo, serolvana le botala jwa tħaga • Popego: Aroganya dilo tse di tħakoretharo le dipopego tse di tħakorepedi go ya ka dipopego.

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
Aga dilo tsa thakoretharo ka go dirisa didiriswa tse di kgonngwang (sekao. Aga ka diboloko)	<p>Tswelela</p> <ul style="list-style-type: none"> Neela didirisiwa tse di agang diboloko ka nako ya motshameko o o lokologileng letsatsi lengwe le lengwe. Aga ka diboloko 	<p>Tswelela</p> <ul style="list-style-type: none"> Neela diboloko tsa go aga le materiale wa kago ka nako ya motshameko o o lokologileng letsatsi lengwe le lengwe. Aga ka diboloko 	<p>Tswelela</p> <ul style="list-style-type: none"> Neela diboloko tsa go aga le materiale wa kago ka nako ya motshameko o o lokologileng letsatsi lengwe le lengwe. Letta barutwana go ikagela dikago tsa bona ka go kopisa go tswa mo sekaong sa kago e e neetsweng. Kopa kago e e tshwanang le e e mo moakanyetsong kgotsa mo karateng ya setshwantsho Boeletsa go kopa kago e e tshwanang le e e mo moakanyetsong kgotsa mo karateng ya setshwantsho 	<p>Tswelela</p> <ul style="list-style-type: none"> Neela diboloko tsa go aga le materiale wa kago ka nako ya motshameko o o lokologileng letsatsi lengwe le lengwe. Tswelela ka nako ya motshameko o o lokologileng letsatsi lengwe le lengwe
3.3 Didiriswa tsa tekano-thakorepedi (2-D) Lemoga, tshaola/bontsha le go naya maina a diio tsa tekanyo ya dipopegopedi/ mathakorepedi mo phaposiboruteleng le mo ditshwantshong, go akaretsa: a) Matshwao a barutwana b) Leina la phaposiboruteleng	<p>Tswelela</p> <ul style="list-style-type: none"> Bontsha fela letshwao/setschwantscho sa morutwana ka dikgwedi tse tharo tsa nthia tsa ngwaga. Itsise leina la phaposiborutelo sekao, ka go dirisa setshwantsho-“phaposiborutelo ya dibera” Tshwaya ka go baya leina la morutabana mo lebating la phaposiborutelo Tshwaya ka go baya Mophato wa R mo phaposiboruteleng 	<p>Tswelela</p> <ul style="list-style-type: none"> Bontsha leina la morutwana fela mo letshwaong mo dikgweding tse tharo tse di latelang Tswelela 	<p>Tswelela</p> <ul style="list-style-type: none"> Bontsha leina la morutwana fela mo letshwaong mo dikgweding tse tharo tse di latelang Tswelela 	<p>Tswelela</p> <ul style="list-style-type: none"> Bontsha leina la morutwana fela mo letshwaong mo dikgweding tse tharo tse di latelang Tswelela

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
3.3 Dipopego tsa tekano-thakorepedi (2-D) Temogo ya popego e fithegileng Dipopego tsa JEOMETRI/Jeometeri	<ul style="list-style-type: none"> Itise temogo ya popego e fithegileng (tthaola/supa dilo-“ke dirisa matho a me go rna sethodi”) Itise sediko Itise khutiotharo Itise Khutionne 	<ul style="list-style-type: none"> Poeletso ya temogo ya popego e fithegileng ka ditirwana tsa go aroganya, bapisa le tsa nyalanyo le go phepafatsa tsamaiso ya gale. Poeletso ya khutiotharo Poloko ya popego (dira thomamo ya khutiotharo) 	<ul style="list-style-type: none"> Poeletso ya temogo ya popego e fithegileng ka ditirwana tsa go aroganya, bapisa le tsa nyalanyo le go phepafatsa tsamaiso ya gale. Poeletsoya khuttonne Poloko ya popego (dira thomamo ya popego e a ithutileng yona go fitthela jaanong) 	<ul style="list-style-type: none"> Poeletso ya temogo ya popego e fithegileng ka ditirwana tsa go aroganya, bapisa le tsa nyalanyo le go phepafatsa tsamaiso ya gale. Poeletso ya sediko, khutiotharo, khuttonne le khutiothetsepa Poloko ya popego (dira thomamo ya popego e a ithutileng yona go fitthela jaanong)
3. Tekano (Lemoga mola wa tekano mo go ena le mo tikologong ya gagwe)	<ul style="list-style-type: none"> Tthaola /bontsha dikarolo tsa mmele (ka go di bala) Tihogo, matho, nko, molomo, seledu, molala/thamo, magetta, letsogo, seatla, menwana, senuba, leoto, lengwele, leoto, menwana ya kgonope Mmele wa motho o na le mathakore a le mabedi 	<ul style="list-style-type: none"> Go kgabaganya molagare – ditiro tse di diragadiwang Go kgabaganya molagare o tsenyeeditse go bala Tse di fa godimo di ka dirwa ka nako ya kgodiso ya mmele Dirisa diraeme le dipina ka nako ya Botaki jwa Boithamedi 	<ul style="list-style-type: none"> Kgabaganya molagare – ditirwana tsa patishoko Gatelela temogo ya gore mmele wa motho o na le mathakore a le mabedi, sekao, go na le letlhakore la moja le la molema” Dirisa kgabaganyo ya molagare ka nako ya serutwa sa Dikgono tsa Botshelo (kgodiso ya mmele) Gatelela temogo ya gore mmele wa motho o na le mathakore a le mabedi, sekao, go na le letlhakore la moja le la molema” Dirisa kgabaganyo ya molagare ka nako ya serutwa sa Dikgono tsa Botshelo (kgodiso ya mmele) 	<ul style="list-style-type: none"> Kgabaganya molagare – ditirwana tsa patishoko Gatelela temogo ya gore mmele wa motho o na le mathakore a le mabedi, sekao, go na le letlhakore la moja le la molema” Dirisa kgabaganyo ya molagare ka nako ya serutwa sa Dikgono tsa Botshelo (kgodiso ya mmele)

DITENG		KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
		4. TEKANYO			
4.1	Nako: Tlhalosa nako ya letsatsi o lebile: Motshegare kgotsa bosigo	<ul style="list-style-type: none"> Itsise dikgopololo ka bobedi "motshnegare le bosigo" le "lesedi/leffi" Mo mosong, thapama, bosigo-go ithuta ka ishoganyetsi mo tsamaong ya lenaneo la letsatsi le letsatsi le tshate ya maemo a bosa 	<ul style="list-style-type: none"> Itsise lenaneo la letsatsi le letsatsi Rulaganya ditiragalo tse di ipoeletsang mo matshealong a bona a letsatsi le letsatsi <ul style="list-style-type: none"> Barutwana ba itemogela tatelano ya ditiragalo mo tsamaong ya letsatsi Ditshwatsho di bontshiwa go tswa kwa molemeng go ya kwa mojeng go godisa dikaeo tsa go buisa Moeteledipele wa letsatsi o tsamaisa motsu fa ditirwana tsa letsatsi di tsweletsi 	<ul style="list-style-type: none"> Lenaneo la letsatsi le letsatsi (tsweletsi) Boeletsa thulaganayo ya ditiragalo tsa letsatsi ka go lebelela lenaneo la letsatsi 	<ul style="list-style-type: none"> Lenaneo la letsatsi le letsatsi (tsweletsi) Boeletsa thulaganayo ya ditiragalo tsa letsatsi ka go lebelela lenaneo la letsatsi
			<ul style="list-style-type: none"> a) Lenaneo la letsatsi le letsatsi b) Tshate ya maemo a bosa 	<ul style="list-style-type: none"> Tshate ya maemo a bosa (letsatsi le letsatsi) Tshate ya maemo a bosa (letsatsi le letsatsi) 	<ul style="list-style-type: none"> Morutabana o kaetsa barutwana go tlhomamisa leina la letsatsi, lethha le kgwedi ka ditsekedima/ dikarata tsa dipontsho le go bontsha matshwao a a emelang beke mo alemanakeng nako. Supa matsatsi a matsalo, a maeto, a a kgethegileng, a boikhutso mo bekeng. Rulaganya dikgwedi tsa ngwaga ka go opela pina

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
c) Matsatsi a beke	<ul style="list-style-type: none"> Matsatsi a beke <ul style="list-style-type: none"> - Morutabana o ruta barutwana pina kgotsa raeme ka ga matsatsi a beke. Pina e boeletswe letsatsi le letsatsi fa go buisanwa ka tshate ya maemo a bosa. - Rulaganya matsatsi a beke o dirisa pina <p>d) Tshate ya dithha</p> <ul style="list-style-type: none"> Tshate ya dithha itsa ngwaga <ul style="list-style-type: none"> - Itsise karata e e bontshang dithha tsa ngwaga di le nne: o Selemo o Lethabula o Mariqa o Dikgakologo 	<ul style="list-style-type: none"> Matsatsi a beke ('Tsweletso) <p>d) Tshate ya dithha</p> <ul style="list-style-type: none"> Tshate ya dithha itsa ngwaga <ul style="list-style-type: none"> - Itsise karata e e bontshang settha sa jaanong o a tsamaisiwa go bontsha go fetoga ga dithha. - Letsatsi la nthha morago ga matsatsi a boikhutso, morutabana o tshwanetse go botsa barutwana se ba neng ba se dira ka matsatsi a boikhutso. - Letsatsi la nthha morago ga matsatsi a boikhutso, morutabana o tshwanetse go botsa barutwana se ba neng ba se dira ka matsatsi a boikhutso. - Godisa temogo ka ga se morutwana a se dirang go tloga ka nako e a tsogang ka yona go fitthela a ya sekolong. - Godisa temogo ka ga se se diragalang fa gare ga nako ya dijotsa bosigo le nako ya go robala. <p>Itsise tshate ya matsatsi a botsalo</p> <ul style="list-style-type: none"> • Itsise matsatsi a botsalo • Barutwana ba tshwanetse go itse dingwaga tsa bona • Godisa temogo ya go buisa dikaelo • Barutwana ba tshwanetse go itse matha a matsalo a bona (letsatsi le kgwedi) 	<ul style="list-style-type: none"> Matsatsi a beke ('Tsweletso) <p>d) Tshate ya dithha</p> <ul style="list-style-type: none"> Tshate ya dithha itsa ngwaga <ul style="list-style-type: none"> - Motsu o o bontshang settha sa jaanong o a tsamaisiwa go bontsha go fetoga ga dithha. - Letsatsi la nthha morago ga matsatsi a boikhutso, morutabana o tshwanetse go botsa barutwana se ba neng ba se dira ka matsatsi a boikhutso. - Motsu o o bontshang settha sa jaanong o a tsamaisiwa go bontsha go fetoga ga dithha. - Letsatsi la nthha morago ga matsatsi a boikhutso, morutabana o tshwanetse go botsa barutwana se ba neng ba se dira ka matsatsi a boikhutso. - Godisa temogo ka ga se se diragalang fa gare ga nako ya dijotsa bosigo le nako ya go robala. - Morutwana a tswelele ka go itsise letsatsi la matsalo nako nngwe le nngwe fa e le letsatsi la matsalo la morutwana mongwe. <p>Itsise tshate ya matsatsi a botsalo</p> <ul style="list-style-type: none"> • Itsise matsatsi a botsalo • Barutwana ba tshwanetse go itse dingwaga tsa bona • Godisa temogo ya go buisa dikaelo • Barutwana ba tshwanetse go itse matha a matsalo a bona (letsatsi le kgwedi) 	<ul style="list-style-type: none"> Matsatsi a beke ('Tsweletso)

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
4.2	Bolele <ul style="list-style-type: none"> Bapisa/tshwantshanya le go rulaganya didiriswa o dirisa tlhotlofoko e e maleba go thalosa bolele Itsise tshate ya bogodimo - Go lekanyetsa ka daita (ka pono le ka tshoganyetso) - Lekanyetsa ka go dirisa theipi (ka pono le ka tshoganyetso) - Telele, khutshwane, telelenyana, khutshwanyana, - moleele ka, moleelen-yana/ moleele thata (fopholetsa ka tebo) 	Bolele <ul style="list-style-type: none"> Telele le khutshwane, telele ka seemo, telelenyana ka seemo le telele thata ka seemo (pono) Itsise barutwana ka kgopolo ya bolele Tshate ya bogodimo e e nang le diatla /dikgato <p>(<i>Barutwana ba ka bapisa bogodimo jwa bona le sengwe mo phaposing, sekao, Khaboto</i>)</p>	Bolele <ul style="list-style-type: none"> Telele thata le khutshwane thata, telelenyana le khutshwanenyana (utolola bolele) Boeletsa kgopolo ka ga bolele Barutwana ba lemoga gore a ba godile fa go bapisiwa le kgweditharo e e fetileng 	Bolele <ul style="list-style-type: none"> Lekanyetsa bogodimo jwa barutwana ka go dirisa theipi ya go lekanyetsa (<i>dirisa matsogo mo boemong jwa theipi ya go lekanyetsa</i>)

DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
4.3 Boima Bapisa/ tshwantsha le go rulaganya didiriswa tse di angwang o dirisa tlotofoko e e maleba go thalosa tse di latelang: a) Bofefo, boima c) Bofefonyana, boimanyana d) Morutabana o tswelela a dira se, ka nako ya go tshameka ka metsi le mmu	Boima <ul style="list-style-type: none"> • Itsise kgopolo ka ga boima ka go bapisa boima iwa didiriswa tse di farologaneng , sekao - Bofefo/boima - Bofefonyana/boimanyana • Boeletsa thuto ya boima (bofefo thata/boima thata 			Mothamo/Boteng <ul style="list-style-type: none"> • Itsise kgopolo ka ga mothamo/ boteng ka go bapisat/tshwantsha selekanyo sa ditshed tse, sekao. - “e tletse/ e lolae” “ e ntsi go, e nnye go” - Boeletsa thuto ka ga mothamo/ boteng • Morutabana o tswelela go ruta se, ka nako ya go tshameka ka metsi le mmu

THADISO YA MOPHATO R					
5. GO DIRA KAT SHEDIMOSETSO YA DIPALO					
DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4	
5.1 Kgobokanya le go rulaganya didiriswa	<ul style="list-style-type: none"> Itsise kgopolo ka ga tsedimosetso ya dipalo ka go kgobokanya tsedimosetso, gore palo ya basimane le basetsana mo phaposing ke bokae. <p>Kgobokanya tsedimosetso</p> <p>O kgobokanya didiriswa tse di kgonngwang tse di tshwanang (a le mongwe le/ kgotsa jaaka leloko la setlhophha) sekao. mathare a le some, dipopego di le some</p> <p>Rulaganya tsedimosetso</p> <p>Rulaganya didiriswa tse di kgonngwang go ya ka ponagalo e le nngwe, sekao bogolo jwa mathare</p>	<ul style="list-style-type: none"> Kgobokanya didiriswa (dithupana tsa bolele jo bo farologaneng) <p>Kgobokanya tsedimosetso</p> <p>O kgobokanya tsedimosetso go araba potso e o dirisa dikarata tse di kwadilweng maina a barutwana sekao, serolwana, botala jwa legodimo, botala</p> <p>Kgobokanya tsedimosetso (ke mofuta ofe wa sepalan o barutwana ba o dirisang go tla sekolong.)</p> <p>Rulaganya tsedimosetso go ya ka matsatsi a botsalo a lebaneng le kgwedi e morutwana a tsetsweng ka yona</p> <p>Rulaganya tsedimosetso</p> <p>Rulaganya didiriswa tse di kgonngwang go ema mo moleng wa basetsana le basimane</p>	<ul style="list-style-type: none"> Botsa potso: "A maina a a nang le ditihaka tse thataro a tiwaelegie thata?" Kgobokanya tsedimosetso go araba potso e o dirisa dikarata tse di kwadilweng maina a barutwana sekao, serolwana, botala jwa legodimo, botala Morutwana mongwe le mongwe o tlhopha boloko e le nngwe e e emelang mmala o a ithophetseg ona wa tege e e tshamekang mo bekeng. 	<ul style="list-style-type: none"> Dirisa tshate ya matsalo go thithomisa gore ke barutwana bafe ba matsatsi a bona a matsalo a leng mo kgweding e e rileng Kgobokanya tsedimosetso go tsawa mo barutwaneng go thithomisa mmala wa tege ya go tshameka o tla diriswang beke e latelang, sekao, serolwana, botala jwa legodimo, botala Rulaganya tsedimosetso go ya ka matsatsi a botsalo a lebaneng le kgwedi e morutwana a tsetsweng ka yona Rulaganya tsedimosetso e e kgobokantsweng (mathaka a bogolo jo bo farologaneng) 	

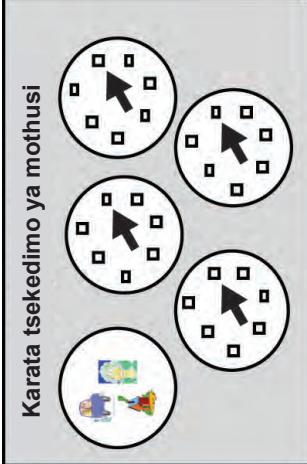
DITENG	KGWEDITHARO 1	KGWEDITHARO 2	KGWEDITHARO 3	KGWEDITHARO 4
5.2 Emela didiriswa tse di kgobokantsweng (Thala/ Tshwantsha dikerafo tse di bontshang tshedimosesto)	<ul style="list-style-type: none"> Tshwantsha kerafo e e nang le tshedimosesto o dirisa diboloko kgotsa dipopego <p>Thala setshwantsho jaaka rekoto ya didiriswa tse di kgobokantsweng</p>	<ul style="list-style-type: none"> Thala/Tshwantsha kerafo ya didiriswa tse di kgobokantsweng (mathhaka a bogolo jo bo farologaneng) 	<ul style="list-style-type: none"> Thala/Tshwantsha kerafo ka go kgomaretsta karataina ya morutwana mongwe le mongwe mo tlase ga kholomo e maleba 	<ul style="list-style-type: none"> Thala/tshwantsha kerafo e e bontshang matsatsi a botsalo a barutwana mo kgwedding nngwe le nngwe. Dirisa didiriswa tsa mnete go dira kerafo iaaka diboloko, dikhubiki tse di tlathagantsweng, diboloko tsa Duplo/Lego tse di emeletlang mebala ya tege e o ipaakanyetsang go e dira sekao, serolwana, botala jwa legodimo le mmala o o botala jwa tlhaga. Thala kerafo ya ditshwantsho e e bonishang barutwana ba ba tsamayang, ba ba tlang ka thekesi, ba ba tlang le batsadi le ba ba tsamayang ka bese.
5.3 Buisana le go bega ka dilo tse di kgobokantsweng tse di rulagantsweng Buisa le go ranola dikerafo		<ul style="list-style-type: none"> Buisa o be o ranola tshedimosesto ka go dirisa tege ya go tshameka go emela dipalo ya basimane le basetsana mo phaposing. 	<ul style="list-style-type: none"> Buisa le go ranola kerafo ka go dirisa dipotso 	<ul style="list-style-type: none"> Buisa le go ranola tshedimosesto ka go bala dikarata tsa dipalo mo kholumong nngwe le nngwe le go tsaya ditshwetso. Go ya ka tlhopho ya barutwana, mmala wa tege ya qo tshameka wa beke e ka nna, sekao, serolwana Buisa le go ranola dikerafo (ke ba bakae ba ba tsamayang, ba ba tlang ka thekesi, bese jalo jalo.

3.5 TLHALOSO YA DINTLHA TSA DITENG KA DIKAELO TSA GO RUTA

DIPALO TSA MOPHATO R KGWEDI-THARO 1				
Beke 1 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Setlhogo	Dintlha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng
4.1 Nako	Itsise lenaneo la letsatsi le letsatsi <ul style="list-style-type: none"> Godisa tatelano ya ditiragalo mo letsatsing le nosi Ditshwantsho di a bontshiwa go tswa mo molemeng go ya kwa mojeng Moeteledipele wa letsatsi o šutisa motswi go tswa mo molemeng go ya kwa mojeng fa ditirwana tsa letsatsi di ntse di tsweletse Barutwana ha itemogela tatelano ya ditiragalo mo letsatsing 	Lenaneo la letsatsi le letsatsi le tschwantsong	Dithusa-thuto tse di attagenesitsweng	Letsatsi le letsatsi, fa o ba itsesitse
LENANEO LE LE TSHITSHINTSWENG				
Nako ya go fittha	Rejisitara, matsalo, maemo a bosa, dikgang	Tirwana tsa phaposi tse di kaelwang ke morutabana (rulagantswe mo pholising), botsweretshi jwa pono le motshameko o o golosegileng mo phaposing	Go phutha	Tiwaelo ya go ya kwa ntwaneng
Iapologa	Nako ya go o golosegileng kwa ntle le go phutha	Tirwana tsa phaposi tse di kaelwang ke morutabana (rulagantswe mo pholising) le kgang khutswe	Nako ya go ikhutsa	Nako ya go ya gae

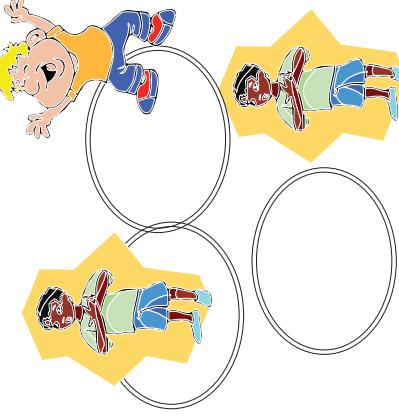
Beke 1 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) + metsotsos e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dintsha: Sethogo	Dintsha tsa thaloso	Dithusa-thuto tse di atlagnesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Dintsha:					
<ul style="list-style-type: none"> Go rutiva ga serutwa go tlhotlhomisiwa ke nako e e abilweng mo lenaneong la letsatsi le letsatsi. Lenaneo la letsatsi le a fetoliwa fetoliwa, sekao go ya kwa ntwaneng ya boithomelo go ka fetoliwa mo nakong e e abilweng, go ikaegile ka maemo a kwa sekolong Bontsha dikarata tsekedimo tsa ditiro tsa tlwaelo fela fa o setse o di itsesitise. Dintha tsa thaloso ga di a kwalwa mo kolomong ka malatsi go ya ka tatelano mme fela di kwadiwe go ya ka diteng tsa serutwa. Ka ga moo, o ka itseela tshwetso gore o tlhoka go dira tirwana ka letsatsi lefe Mo dibekeng tse dingwe go na le ditirwana tse di fetang tse tlhano. Se, se ne se netefatsa gore go na le ditirwana tse di lekaneng boithomelo ka tlhophang mo go tsona, ga go reye gore o tshwanetse o dire ditirwana tsotthe. 					
1.4 Thalosa, bapisa, le rulaganya dipalo	<ul style="list-style-type: none"> Itsise nako ya go ya ntwaneng boithomelo ka tlwaelo <ul style="list-style-type: none"> - Godisa temogo ya tatelano/ thulaganyo ya go ya ntwaneng ya boithomelo sekao (dirisa ntwanana pele, o tswe o thape diaita, tswala tepe o tswe o iphimole diaita Jalo Jalo. - Godisa temogo ka ga palokemotatelano sekao Ntobeko ke wa ntiha, Tlotlo ke wa bobedi jalo jalo. 	<ul style="list-style-type: none"> Itsise nako ya go ya ntwaneng boithomelo sekao (dirisa ntwanana pele, o tswe o thape diaita, tswala tepe o tswe o iphimole diaita Jalo Jalo). 	<ul style="list-style-type: none"> Sesepa, lesela la go tlhapa, ntwanana boithomelo, metsi a a elelang. 	<ul style="list-style-type: none"> Morago ga o sena go itsise tlwaelo ya go ya kwa ntwaneng, ditirwana e, e ka dirwa letsatsi le letsatsi. 	

Beke 1 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) + metsotso e le 30 ka letsatsi (+- 5 ditinwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlagnesitweng	Boleele jwa nako jo bo lekanyeditsweng																											
3.2 Didiriswa tsa tekanothla- koretharo 3-D	<ul style="list-style-type: none"> Itsise karata tsekedomo ya go phutha <ul style="list-style-type: none"> - Thoma dithopha tse di dirang tse dinnye. - Tsweledisa thulaganyo le go tihaola didiriswa. <p>Aroganya palo ya barutwana mo phaposing ya gago ka mafelo a a robedi tsa go phutha. Setihopha sengwe le sengwe se tshwanetse go tsaya maikarabelo a go phutha mafelo ka go fapafapaana mo bekeng.</p>	<table border="1"> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> </table>										<table border="1"> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> </table>										<table border="1"> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> <tr> <td style="text-align: center;"> </td><td style="text-align: center;"> </td><td style="text-align: center;"> </td></tr> </table>									

Beke 1 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlagnenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Itsise karata tsekedimo ya mothusi le go dira thulaganyo go supetsa gore barutwana ba fiwa jang dilapodisi <p>Karata tsekedimo ya mothusi e dirisediwa go tlhophya mothusi wa letsatsi, yo o tla thusang kwa tafoleng ka nako ya dilapodisi</p> <ul style="list-style-type: none"> Dirisa tshate ya mothusi go tlhaola mothusi wa letsatsi o tlhokometse lenaneo la paka ya nako ya dilapolosi Didiko tse tlhano mo karateng ya mothusi di remetse ditlhophya tse tlhano tse o kgagantseng barutwana ka tsone sekao setlhophya se se khibidu, setlhophya se se botala jwa loapi, setlhophya se se serolwana, setlhophya mmala o tala le setlhophya sa mmala wa lamune. O ka dirisa maungo a a farologaneng, diphologolo, dipalangwajj Letshwao la morutwana mongwe le bewa mo teng ga sediko sa setlhophya se a leng mo go sona Go dikolosa motsu yo o kgomaretswang fa gare ga sediko sengwe le sengwe go tlhophya moetedipele wa setlhophya. Moetedipele wa setlhophya o potologa letsatsi le letsatsi go neteratsa gore morutwana mongwe le mongwe o bona tshono ya go ma moetedipele Moetedipele wa setlhophya o bala dipalo ya barutwana le dijana go ya ka palo ya barutwana ba ba leng teng mo sethopheng sa gagwe ka letsatsi leo (nyalano ya nngwe-ka-nngwe) 	<p>Dithusa-thuto tse di atlagnenesitsweng</p>  <p>Karata tsekedimo ya mothusi</p>	<p>Tshata thuso</p>	<p>Fa karata tsekedimo ya mothusi e itsesitswe, dilapodisi di newa barutwana letsatsi le letsatsi</p>
3.3 Dipopego tsa tekanothla-korepedi 2-D	<p>Letelella morutwana yo mongwe le yo mongwe go tlhophya karata tsekedimo ya letshwao la gagwe</p> <ul style="list-style-type: none"> Baakanya boloko ya go supetsa ya botswereitsi jwa bothamedi ya letshwao la ngwana mongwe le mongwe (setshwantsho) Kgomaretsa letshwao mo khabotong ya morutwana yo mongwe le yo mongwe Letelella morutwana go tlhophya khaboto ya gagwe e e nyalanang le letshwao la gagwe Kopelela leina la morutwana ka sepele mo diaparong tsa gagwe. Barutwana ba tlhophya letshwao la gagwe le la tsala, ka go tshameka motshameko o ba rotloetsa barutwana go tlhophya dikarata tsekedimo tsa matshwao a a farologaneng sekao barutwana ba dula mo sedikong le morutabana ba supetsa matshwao le go botsa barutwana go tlhophya matshwao a bone. Dishwantsho tse dinnye tsa barutwana di ka nna tsa diriswa jaaka dikarata tsekedimo tsa matshwao, fa le teng <p>Tsweletsa kgopoloy a gore barutwana ba nne mo setlhopheng se se tonna se le sengwe ka go itsise leina la phaposi sekao dirisa setshwantsho "sa bera"</p> <p>Barutwana ba tshwanetse ba itse leina la morutabana wa bone</p>	<p>Dikarata tsekedimo ka matshwao a banutwana.</p> <p>JaakLetlela barutwana go : fittha letsatsi la nthha.</p> <p>Dira karata tsekedimo ya setshwano go tloga go letswo la setshwantsho.</p> <p>Dilokara, mabokoso kgotsa kgotsa dikgwakge mo leboteng di tshwailwe ka matshwao .</p> <p>Mophato wa R letshwao Setshwantsho sa leina mo mojakong la phaposi</p> <p>Kwala leina morutabana le sefane</p>		

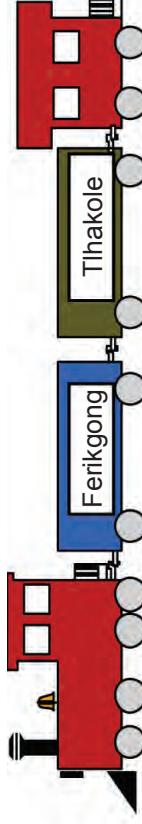
Beke 1	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Kitsiso	Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlagnesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Dintiha:						
	<ul style="list-style-type: none"> Supetsa fela letshwao la morutwana/ setshwantsho sa kgwedi tse tharo tsa ntsha tsa ngwaga Supetsa letshwao la morutwana/ setshwantsho le leina la morutwana mo kgweding tse tharo tse di latelang Supetsa fela leina la morutwana mo setshwaong mo dikgweding tse thataro tsa bofelo tsa ngwaga Bayu mo kgorong ngwaga otlhe Tshwaya ka leina la morutabana Tshwaya ka go kwalwa mophato R 					
Beke 2						
Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	1.1	Dintiha tsa thaloso	Dithusa-thuto tse di atlennegesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Bala didiriswa						
	Go bala letsatsi e letsatsi <ul style="list-style-type: none"> Go bala kwa godimo o boeletsatse/ o bala o tiola tiola go tloga ka 1-5 Opela dipina tsa dipalo le diraeme <p>Le fa barutwana ba Mophato wa R ba sena kitso ka dipalo, ba tshwanetse go rotloediwa go opela dipina tsa dipalo le diraeme le go ballela kwa godimo ba boeletsatse letsatsi le letsatsi</p>				Dipalo ya dipina le diraeme	Letsatsi le letsatsi

<p>Beke 2 Kitsiso</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phapose e baakantsweng e kaelwa ke morutabana (mosako) + - metso eo le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p>	<p>1.4 Thalosa, bapisa, rulaganya dipalo</p>	<p>Dintiha tsa thaloso</p> <p>Itsise kgopoloka ga botonna le bonnye Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Barutwana ba itemogela kgopoloka ga nnye le tonna ka go ikgona, ba itira bannyka fa go kgonaglang ka teng, ba bo b a ikotiolola ka fa go kgonaglang ka teng - Lettelela barutwana go bapisa diatla a bone le diatla tsa ditsala tsa bone, go bona gore ke diatla tsa bomang di leng di tonna kgotsa a le dinnye. - Bapisa seatla sa morutabana go bapa le seatla sa morutwana. - Bapisa letsogo la morutabana go bapa le la morutwana. <p>Didiriswa tsa tekatekanyothlhakoretharo (3-D) o dirisa dikgonngwa</p> <ul style="list-style-type: none"> - Bopa dibolo tse ditonna le tse dinnye ka seloko ya go tshameka - Battla dibolo tse ditonna le didiriswa tse dinnye mo phaposing. Tshwaya didiriswa tse di tonna ka dikgomaretsi tse di khibdu, tse dinnye ka serowana. Motollo ka ga bogolo jwa didiriswa tse di faolganeng. - Thaola didiriswa tse di tonna le tse dinnye go ya ka bogolo <p>Didiriswa tse di kgongngwang o dirisa dipopego tekatekanyothlhakore pedi (2-D) kgotsa ditshwantsho</p> <p>Dirisa kgopoloka ya botonna le bonnye ka nako ya ditirwana tsa botswereftshi ka</p> <ul style="list-style-type: none"> - O lebelela ditshwantsho tse ditonna le didiriswa tse dinnye le go di segolola - Lettelela barutwana go gatisa diatla tsa bone le go di segolola. Baya letsogo le lengwe mo godimo ga le lengwe. Lebelela gore ke letsogo la ga mang le leng le tonna le leng le nnye - Kgaoganya pampiri gabedi - Kgomaretsa ditshwantsho lsoithe tse dinnye mo lethakoreng le lengwe la pampiri le tse dinnye mo lethakoreng le lengwe. 	<p>Dithusa-thuto tse di attlenegesitsweng</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p>	<p>Letsatsi 1</p> <p>Barutwana</p> <p>seloko sa go tshameka</p> <p>Makasine, kuranta, phasalatso, sekere</p> <p>Pampiri ya A3, kerayone</p>
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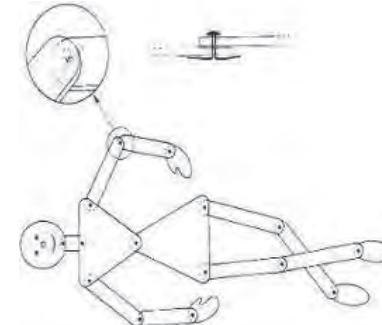
Beke 2 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phapose e baakantsweng e kaelwa ke morutwana (mosako) + - metso eo le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng	Bolele jwa nako jo bo lekanyeditsweng
3.1 Maemo, kitsiso le dipono	<p>Maemo a didiriswa tse pedi kgotsa tse dintsisi di bapisitswe le morutwana- mo teng</p> <p>Metsameko ya go dirisa mmelle.</p> <ul style="list-style-type: none"> - Naya morutwana mongwe le mongwe "hula-hupu" (Morutwana o supetsa barutwana ka go dira le bone ka Motlotlo wa mafoko: kwa ntle le mo teng). Ba tioleta mo teng le kwa ntle ga hupu a letela ditaelo tsa morutwana - Ema ka leoto le le nosi mo teng ga hula-hupu, leoto le lengwe le le kwa ntle ga hula-hupu. - Tsaya lebokoso le go lettelela barutwana go tolela mo teng le kwa ntle le go lettelela barutwana go buisana fa morutwana a le mo teng/kwa ntle - Tioleta kwa ntle le mo teng ga taere/leotwana jaaka tirwana ya karolo ya kgodiso ya mmelle. - Tioleta mo teng le kwa ntle ga hula-hupu o tsweisse matho <p>Didiriswa tsa dikgonngwa tsa tekanothakoretharo (3-D)</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Baya mpopisi mo teng le go e ntshetsa kwa ntle ga bolao jwa masea - Latihela bolo/ kgetsana ya dinawa mo teng ga hula-hupu/leotwana - Dirisa mmu wa seloko o goloke, o papathe go bopa sentlhaga sa nonyane , o goloke gape go dira bolo e nnye (ekete mae) a tsenye mo sentlhageng o boe o a ntsho o latele ditaelo tsa morutwana. <p>Didiriswa o dirise dikgonngwa tsa dipopego tekanothakorepedi kgotsa ditshwantsho</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Lebelela setshwantsho le go bona gore a ba kgona go bona didiriswa tse di supetsang kgopolo ya mo teng le kwa ntle - Barutwana ba itshwantshe ba le mo teng le kwa ntle ga hula-hupu/ bata jalo jalo 		Bolele jwa nako jo bo lekanyeditsweng	Bolele jwa nako jo bo lekanyeditsweng

Beke 2 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phapose e baakantsweng e kaelwa ke morutabana (mosako) + - metso eo le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Dithusa-thuto tse di attlenegesitweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>3.2 Disiriswa tsa tekanothakoretharo 3-D</p> <p>Tlhamta didiriswa tsa godirisa/dimateriale tsa dikgonngwa Tlhotthomisa dikgonego tse dintsia tsa go aga diboloko ka nako ya go tshamekela ka fa gare</p> <ul style="list-style-type: none"> Karolo ya morutabana ke go gokaganya motshameko <ul style="list-style-type: none"> Thothomisa dikgonego tsa go aga diboloko ka go kaela barutwana go aga serapalelo (rapaletseng), tsepameng (ditorio), tse kwa godimo le dikago tse di kwa tiase Thaola le go rulaganya diboloko tse di farologaneng ka go bapisa dipopego Thaola le go rulaganya diboloko tse di farologaneng ka go bapisa go ya ka bogolo jo bo tshwanang Thaola diboloko go ya ka tse di tonna le tse dinnye Morutwana mongwe le mongwe o newa boloko e dipopegeserano le go di rulaganya di le dintsia ka ditsela tse di kgonagalang sekao di beye mo moleng, di thiathiaganye ka ditsela tse di farologaneng. Barutwana ba ka bapisa le go kopotola diboloko tsa ba bangwe, go ba lemosa thata ka ga maemo. Tsweletsia go phuthiwa ga diboloko go ya ka mokgwa o neetsweng, kwa morago ga raka ba bapisa go ya ka mokgwa o tshwanang 	<p>Diboloko di tshwanetse go bewa mo rakeng, go ya ka mokgwa o neetsweng wa diboloko tse di farologaneng, kwa morago ga raka</p> <p>Didiriswa tse dinnye jaaka ditshamekisi tsa dikoloi, diphologolo tsa kwa polasing, matshwao a tsela jalo jalo di tshwanetse go nna teng</p>	<p>Diboloko di tshwanetse go bewa mo rakeng, go ya ka mokgwa o neetsweng wa diboloko tse di farologaneng, kwa morago ga raka</p> <p>Didiriswa tse dinnye jaaka ditshamekisi tsa dikoloi, diphologolo tsa kwa polasing, matshwao a tsela jalo jalo di tshwanetse go nna teng</p>	Letatsi 1

Beke 2 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phapose e baakantsweng e kaelwa ke morutuwana (mosako) + - metso eo le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)		
Sethogo	<p>2.1 Didiрисва тса теканотхакоретхаро 3-D.</p> <p>Tlhaola didiriswa go ya ka mmala wa paraemari, botala jwa loapi , khividu le serolwane</p> <p>Supetsa mmala o le mongwe ka nako. O sekä wa golagana mmala o le mongwe le popego e le nngwe. Kgaoganya barutwana ka dithophna tse 5.</p> <p>Naya sethophha se le sengwe mafuta e e farologaneng ya didiriswa tsa tekatekanyo thakoretharo (3-D) le dipopego tekanothakorepedi (2-D) tsa mebal.</p> <ul style="list-style-type: none"> - Morutabana o itsise mmala mongwe le mongwe ka go tshwarela kwa godimo karata tsekedimo Yam mala yo a battlang barutwana ba o itse. Sekao botala jwa loapi,boeltsa mmala mongwe le mongwe. - Letlelela barutwana go tlhaola didiriswa tsa tekatekanyothakoretharo (3-D) le dipopego tekatekanyothakor pedi (2-D) go ya ka dikarata tsekedimo tse di bontshiwang tse di farologaneng. <p>Metsameko ya go dirisa mmeli</p> <ul style="list-style-type: none"> - Thokomela didiko tse di segolotsweng go tswa mo khatebotong tsa mebalam mo sefubeng sa morutwana mongwe le mongwe - Letlelela barutwana go rulaganya ka bobone mebalam e farologaneng go ya ka mebalam <p>Didiriswa tse di kgongngwang tsa tekano tlhakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutabana o bitsa barutwana ba le batlhano go tlkwa pele, o naya morutwana mongwe le mongwe sediriswa sa tekatekanyothakoretharo (3-D) go se tshwara. - Barutwana ba bangwe ba dula mo dithopheng tsa bone ka setlhophha sa didiriswa tsa tekatekanyothakoretharo (3-D), ba di bayra fa gare ga ditafole - Morutwana wa nthha fa pele o tshwara sediriswa sa gagwe sa tekatekanyothakoretharo (3-D) Sekao boloko e e botala jwa loapi kgotsa sediko se se serolwana sa Logi kgotsa diphasele jalo jalo - Barutwana mo tarofeng ba tlhaola didiriswa tse di farologaneng tsa tekatekanyo tharo (3-D) go ya ka se morutwana a se tshwereng. <p>Dikgongngwa tse di halofo o dirisa dipopego tsa tekano tlhakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o baakanya pente ya menwana pele ga nako - Barutwana ba bapisa dipopego mo penteng ba dirisa menwana - Gatisa dipopego tsa tekatekanyothakkorepedi (2-D) o e tshase mmala 	<p>Boleele jwa nako jo bo lekanedyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitweng</p> <p>Didiriswa tse di farologaneng tsa tekatekanyo tharo le dipopego tsa tekatekanyo thakorepedi/dithswantsho mo phaposing setkao dikhurumelo tsa dibotilo, diboloko tsa lego, dipopego tsa mmala tsa logi jalo jalo</p> <p>Dikarata tsekedimo tsa mmala o botala jwa loapi, khividu ke serolwana</p> <p>Dipopego tse di farologaneng tsa dipopego tsa tekanothakorepedi (2-D) le didiriswa tsa tekatekanyothakore tharo (3-D)</p> <p>Didikdo tse di Khividu, serolwana le botala jwa loapi di segolotswe go tswa mo khatebotong e e bakaantsweng ke morutabana</p> <p>Didiriswa tse di farologaneng tsa tekatekanyothakoretharo (3-D) tse di kgobokantsweng pele ga nako e beiwe mo magareng ga setlhophha sangwe le sangwe.</p> <p>Resepe ya pente ya menwana</p> <p>Kopi e le nngwe 1 ya bupi kopie le nngwe 1 ya sukiri Marothodi a mararo 3 a a semmala a dijopente e e leroile dikopi tse tlhano tsa metsi a a bedileng (fuduwa ka iketlo)</p>	<p>Letsatsi1</p>
3.3 Dipopego tsa tekanothakoretharo 3-D			

Beke 2 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana ya e le nngwe ya phapose e baakantsweng e kaelwa ke morutabana (mosako) + - metso eo le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Dithusa-thuto ts e di attlenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng
4.1 Nako Sethogo	<p>Itsise karata tsekedimo ya malatsi a botsalo</p> <ul style="list-style-type: none"> - Akanyetsa (mokgabiso) karata tsekedimo ya malatsi a botsalo e e mebalabala sekao terana ka materoko a le 12 (letoroko lengwe le lengwe le kwadilwe kgwedi). Dikgwedi di latehana go ts a mo molemeng go ya kwa mojeng mo materokong. Baya leinala le letshwao la morutwana mongwe le mongwe mo kgwedding e e neetsweng. - Godisa temoso ya kgopolo ya nako sekao opela dikgwedi tsa ngwaga ka go opela maina a dikgwedi o ntse o supa maiina a dikgwedi. - Godisa temoso ka ga buisa o dirisa dikaelo sekao supetsa setshwao sa kgwedi nngwe le nngwe, mo moleng o le mongwe go tswa mo molemeng go ya kwa mojeng - Lettelela barutwana ba supe letshwao/setshwantsho sa gagwe le go ithuta ka tlhogo gore matsalo a gagwe ke kgwedi efe - Ba rotloetse b go itse dingwaga ts a bone - Boeletsa tirwana e ka tsweletso <p>Karata tsekedimo ya malatsi a botsalo e nne le dikgwedi tse somepedi di bontshiswe go tswa mo molemeng go ya kwa mojeng</p> <p>Korone kgotsa setshwantsho sa kuku ya matsalo se supetsa malatsi a matsalo. Malatsi a matsalo a a tlang ga a na korone kgotsa kuku ya matsalo.</p> <p><i>Pina: thama pina ya gago “Ferikgong, Tlhakole, Mopititive Moranang, Motsheganong, Seetebosiglo Phukwi, Phatwe, Lwetse, Diphalane, Ngwanatsele, Sedimonthole</i></p>		<p>Ngwaga otthe fa go na le malatsi a matsalo.</p>	<p>Dintiha:</p> <ul style="list-style-type: none"> - Motha wa letsatsi la matsalo la morutwana le kgethegile, nako e beevelwe kwa thoko mo barutwana bothie mo phaposing ba opelang “O gole gole ”, ba ope diaitala gantsi ba supetsa dingwaga tsa matsalo tsa basimane/baserisana - Morutwana yo mongwe le yo mongwe mo phaposing a tshwantshe setshwantshe le morutabana a kopanye diitshwantsho tsotthe tsa ngwana yo o ketekang letsatsi la gagwe la matsalo go dira buka ya letsatsi la matsalo - Morutabana a ka dira korone ya mosimane kgotsa mosetsana yo o ketekang letsatsi la matsalo, barutwana ba ka nna ba e kgabise ka didiriswa go dira kholaje. - Tirwana e tla boeletswang ngwaga otthe fela fa na le letsatsi la matsalo

Beke 3 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlangeesisweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<p>Fopholetsa ke go bala didiriswa letsatsi le letsatsi ka botshopegi</p> <ul style="list-style-type: none"> Go bala o Motlotlo letsatsi le letsatsi <ul style="list-style-type: none"> O balela kwa godimo o ipoletsalka moretheto go tloga ka 1-5 Opela pina ya dipalo le diraeme <p>Letelela barutwana go: simolola mophato R ba sena kgopolo palo ya dipalo, ba tshwanetse go rotloediwa go opela dipina tsa dipalo le dipina tse ba balang ba opela ba ipoletsatsi le letsatsi.</p>	<p>Dipina tsa dipalo le diraeme</p>		Letsetsi le letsatsi
Sethogo	<p>Supa le bala dikarolo tse di farologaneng tsa mmele</p> <p>Balela kwa godimo o ipoletsata go tloga ka 1-5</p> <p>Metshameko ya go dirisa mmele (Tseneyletsa serutwa sa dikgonotsa botshelo)</p> <ul style="list-style-type: none"> Godisa temoso ya dipalo ya dikarolo tse di farologaneng tsa mmele ka go di bala. Ntshupetsa niko ya gago o bale. O na le dinko di le kae? Ntshupetsa ditsebe tsa gago o di bale. O na le ditsebe se kae. A di oketsegile ka nngwe. A re di bale. Ntshupetsa diaitala a gago. O na le diaitala a le kae? A re a bale. O bona eng gape mo diaitalang a gago. Menwana! A o ka a bala? A re bale menwana mo letsogong le lengwe 1,2,3,4,5 O na le mattho a le kae? Bala ditsebe le mattho a gago. Tshwara ditsebe le mattho a gago fa o bala, simolola ka ditsebe. Dula o lebagane le tsala le go bala dikarolo tsa mmele wa gagwe mme fela o di tshware, o di bale. Morutabana a kaeitse barutwana sekao tshwara tsebe e le nngwe ya tsala ya gago, tshwara tsebe nngwe ya gagwe, di bale, 1,2. A di tshwana le tsa gago? Tswelela ka tirwana e. Supa dikarolo tsa mmele tse motho a nang le karolo e nngwe mo mmeleng sekao nko e le nngwe, molomo o le mongwe, seledu se le sengwe jalo jalo <p>Dirisa dikgonongwa tse di halofo tsa dipopego tekatekanyopedi (2-D) kgotsa ditshwatsho</p> <p>Letelela barutwana go</p> <ul style="list-style-type: none"> Lebelela mo seiponeng e le go gatisa/ go iBapisa Thala mebele ya bone mo kuranteng le go ikabisa. Thala mola ka bogare Segolola ditshwantsho tsa dikarolo tse di farologaneng tsa mmele go tswa mo makasineng kgotsa mo phasalatsong le go feleletsat sefathego Segolola sefathego go tswa mo makasineng le go bapsa dikarolo tsotthe tsa mmele. 	<p>Pina e opelwang o dira diragatsa/raeme</p>	Letsetsi 1	

Beke 3 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditiwana tsa dipalo mo bekeng)	Dintsha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
3.4. Tekano	Lemoga mola wa tekano mo go bona Godisa temogo gore mmele wa motho o na le matlhakore a mabedi Metshameko ya go dirisa mmele	 <p>Gatela kgopololo ka ga "letlhakore le lengwe/ le letlhakore le lengwe". Morutabana o Motlotlo le barutwana ka ga bopelle jwa mmele le bomorago jwa mmele, ga mmogo le bogodimo jwa mmele, le bokwathase jwa mmele.</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Ba itebelele no seiponeng se ba kgonang go bona mebele ya bone yothhe - Supa gore ke dikarolo dife tsa mmele tse di leng mo matlhakoreng a mabedi a mmele wa gago - Ama dikarolo tsa mmele jaaka go kopipi sekao "ama menwana ya gago ya maoto, ama maoto a gago. Barutwana ba ka dira se, ba tswetse matlho - Ama nngwe ya dikarolo tsa gago tsa mmele ka karolo e nngwe ya mmele sekao "ama lengwele la gago ka nkoy ya gago jalo jalo (ketirwana ya mola kgabaganyo) 	Barutwana	Dithusa-thuto tse di attlenegesitsweng
3.2 Disiriswa tsa tekanothlhakore-tharo 3-D	Lemoga, supa le go naya maina a dibolo	<ul style="list-style-type: none"> - Barutwana ba tshameka ka dibolo le go supetsa le go bolela dillo tse o ka di dirang kabolo. Morutabana o etelela puisano ka go botso dipotsio. - Supa didiriswa tse tsotlhe tse di ka kgokologang sekao bontsha barutwana diboloko o ba botse gore potso "Fa o nagana a boloko e kgona go kgokologa? A re bone" - Kgokolosa didiriswa le go lebelela gore di kgokologa jang sekao dithini di kgologa mo lethakoreng le lengwe. - Dirisa seloko ya go tshameka go bopa bolo e kgokologang ka nako ditiwana tsa boithamedi (ka nako ya motshameko o go golosegieng mo teng ga phapossi) - Ka nako ya go tshameka, barutwana ba ka mna ba leka go pitikolola mebele ya bone ba robets'e fa fratshe kgotsa go kgokolosa mebele ya bone jaaka dibolo. 	Didiriswa tse di kgokologe sekao dinamune, diapole, dibolo, dithini tse di lolea. (Dira dibolo ka didiriswa tse di latlhilweng sekao kuranta e e golokiweng jaaka bolo e tsentsws mo penthose) Didiriswa tse di khutlo-nne sekao diboloko Resepe e tshamekang: Kopi e 1 ya bupi Kopi e halofo ya letsawai Kopi e 1 ya metsi Dintsho tse 2 tsa oli ya go apaya Maronthotho a mannye a mmala Thakanya dillo tse di neetsweng tsotlhe	Letsatsi 1 <div style="text-align: right; margin-top: -20px;"> Thakanya ditswaki tsotlhe </div>

Beke 3 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng
3.3 Dipopego tsa tekanothakorepedi 2-D	<p>Lemoga, tlhaola, le go neela leina dipopego mo phaposing le ditshwantsho tsa tekonothakorepedi</p> <ul style="list-style-type: none"> Itsise ka ga sediko <p>Didiriswa tse o di dirisang go itsise barutwana ga nthia ka ga sediko di tshwanetsi go tshwana ka ditsela tsotihle (bogolo jo bo tshwanang, mmala yo o tshwanang,phopholetso e tshwanang)</p> <p>Metshameko ya go dirisa mmele</p> <p>Morutabana o thala sediko mo fatshe. Letlelela barutwana go tsamaya mo thadisong ya sediko fa o ntse o Motlotlo "Ke tsamaya mo mothalong wa sediko.....ke a potologa"</p> <p>Letlelela barutwana:</p> <ul style="list-style-type: none"> - Tshwaraganyang ka diaita le dire sediko - Kago ya sediko ka mmele ya bone. - Tsamao mo sedikong go opelwa pina ya "Mulberry bush" - Dula fa fatshe mo sedikong lo neetetsane sediriswa ba ntse ba opela "hot potato pass it on". Morutwana yo o santseng a tshwere sediriswa fa pina e didimala, o tshwanetsi go tsamaya a duele mo gare ga sediko. <p>Dirisa didiriswa tse di kgongngwang tsa tekanotharo (3-D)</p> <p>Morutabana o supetsa morutwana hula-hupu le go ba tlhalosetsa gore popego ya hula-hupu ke ya sediko. Sediko ga sena dikhutto.</p> <p>Letlelela barutwana</p> <ul style="list-style-type: none"> - Tshwara tekanothakoretharo o ntse o tshwara ka sediko ka menwana. - Batla tekanyothakoretharo mo phaposing tsa popego e tshwanang le sediko <p>Tlhaola le go Bapisa didiriswa</p> <p>Morutabana o neela barutwana didiriswa tse di far Loganeng tsa tekanothakoretharo (3-D) le dipopego tekatekanyo tlhakorepedi (2-D) ka bogolo jo bo far Loganeng (tonna le nnye) le mmala (khibidu, serolwana le botala jwa loapi) jaaka bolo ya tenese, dimabole, dibauini jalo jalo</p> <p>Letlelela barutwana go:</p> <ul style="list-style-type: none"> - Tlhaola didiriswa go ya ka botonna le bonnye - Kgobokanya didiriswa go ya ka mebala 	<p>Pina, "Fa re dikologa sekqwana sa Mulberry".</p> <p>Motshameko, 'hot potato, pass it on' . Letapole le le fisang le fetise"</p>	<p>Lettsatsi 1</p>	<p>Lettsatsi 1</p>
Beke 3 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di attlenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng	Bolele jwa nako jo bo lekanyeditsweng

<p>Beke 3 Kitsiso</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p>	<p>Dintiha tsa thaloso</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>4.1 Nako Maemo a bosa le khalentara</p> <ul style="list-style-type: none"> • Itsise barutwana ka karata tsekedimo ya maemo a bosa <ul style="list-style-type: none"> - Maemo a bosa a emela beke (malatsi a le matlhano) a dirisa dikarata tsekedimo tsa matlhawo sekao malatsi a le matlhano a rulaganiswe go tswa kwa molemeng go ya kwa mojeng o dirisa matlhawo a maemo a bosa (lebelia sekao se se kwa tlase) - Maemo a bosa a tshwanetse go rutuwa letsatsi le letsatsi - Morutabana o kaela barutwana go thomamisa letsatsi, lethha le kgwedi ka go dirisa dikarata tsekedimo jaaka lenaneo (mo nakong e e latelang barutwana ba ka nna ba supa le go supetsa dikarata tsekedimo ka bobone) - Moeteledipele wa letsatsi o lebelela maemo a bosa kwa ntle le go bolela diphithhelelo le setlhophha sotthe sekao pula e a na, go maru, go letsatsi. - Morutabana o supetsa barutwana diphithhelelo mo karateng jaaka mo lenaneong (mo nakong e e latelang Letlelela barutwana go : bontshe dikarata tsekedimo ka bobone) - Ka go dira se, barutwana ba ithuta ka bobone malatsi a beke le mafelo a beke. - Ba ithuta ka ga gompieno, maabane, ka moso jalo jalo - Barutwana be newa ditshono tse dintsì go bala go fittha ka 5.Ba bala malatsi a go leng letsatsi, malatsi a go leng tsididi, malatsi a go leng diphefo jalo jalo - Supetsa letshhwao la morutwana fa go na le malatsi a matsalo mo bekeng. - Supetsa ditirwana tse di diragalang mo bekeng sekao go ya kwa serapeng sa diphologolo(seitshwantsho sa photologo se dirisiwe) <p>Karata tsekedimo tsa pontsho ya maemo a bosa e tshwanetse go emela beke sekao malatsi a beke a rulaganngwe go tswa mo molemeng go ya kwa mojeng, ba rulaganye dikgivedi tsa nthla tse 6, di rutuwa letsatsi le letsatsi</p> <p>Malatsi a supa a beke</p> <ul style="list-style-type: none"> - Dipalo 1-31 - Maina a dikgivedi tsa ngwaga tse 12 - Ngwaga sekao 2012 - Dikarata tsekedimo di supetsa maemo a bosa sekao <p>Ruta barutwana pina ya malatsi a beke e ba tla e tshwarelelang ka thogoo</p>     <p>Go diphefo</p> <p>Go letsatsi</p> <p>Pula e a na</p> <p>Go maru</p>
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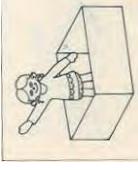
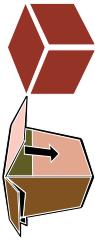
Beke 3 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng	Boelele jwa nako jo bo lekanyeditsweng																								
Sethogo	Sekao sa karata tsekedimo ya bossa	Karata tsekedimo ya maemo a bossa	Seetebosigo	2012																								
			<table border="1"> <thead> <tr> <th>Latshipi</th><th>Mosupologo</th><th>Labobedi</th><th>Laboraro</th><th>Labothihano</th><th>Lamatihatso</th></tr> </thead> <tbody> <tr> <td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Latshipi	Mosupologo	Labobedi	Laboraro	Labothihano	Lamatihatso	12	13	14	15	16	17													
Latshipi	Mosupologo	Labobedi	Laboraro	Labothihano	Lamatihatso																							
12	13	14	15	16	17																							
Tatelano ya ditiragalo tse di ipoeletsang mo matshelong a bone	Poelolo ya tatelano ya ditiragalo tsa botshelo jwa gago jwa letsatsi le letsatsi Malatsi a beke Morutabana o ruta barutwana pina kgotsa raeme ka ga malatsi a beke. Boeletsa karata tsekedimo ya maemo a bossa letsatsi jaaka go buisanwe. Pina: “Go malatsi a supag, go malatsi a supa mo bekeng, go malatsi a supa mo bekeng. “Sontaga, Mantaga, Lwabobedi, Lwaboraro, Lwabone, Lwabothihano, Lwamatihatso.” (x2)	Pina: Malatsi a beke kgotsa tlhama pina ya gago ka malatsi a beke.																										
4.1 Nako	<ul style="list-style-type: none"> Itsise karata tsekedimo e e bontsha dittha tse nne, o bontsha ka motsu: <ul style="list-style-type: none"> - Settha se re leng mo go sone - Ke settha sefe se se fetileng le - Settha se se latelang? - Supetsa setshwantsho sa settha se re leng mo go sone o golaganye le kgwedi e e maleba. Sekao o ka supetsa setshwantsho sa settha sa selemo, Ferikgong go fittha ka Mopitiwe 	Dikarata tsekedimo tse nne tse di farologaneng ka setschwantsho sa nngwe ya dittha mo go sona	<table border="1"> <tr> <td>Settha</td> </tr> </table>	Settha	lepalapanya fa dittha di fetoga																							
Settha																												
Dintitha:				 Selemo Letlhabula Dikgakologo Mariga																								

- Dikgopolole tsotthe tse dintshwa di tshwanetse go tlhagisiwa go ya ka dikgato tse di latelang:
- Kgato ya Metshameko ya go dirisa mmele (itemogele dikgopolole tse ka go dirisa mmele le go dirisa dirve tsa kutlo
 - Kgato ya didiriswa tse di kgonggwang (dirisa didiriswa tsa tekatekanothakoretharo (3-D)
 - Didiriswa tsa dikgonggwang tse di halofo (tshwantshiso ya tekanothakoretharo 3-D mo lethare la pampini sekao ditshwantsho, go bapissa ditshwantsho, metshameko ya dikarata tsekedimo jalo jalo) Dipopego tsotthe tse di sephaphathi ke didiriswa tsa tekanothakorepedi.

Beke 4 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsofso e le 30 ka letsatsi (+- 5 dilitrwanwa tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Boelele jwa nako jo bo lekanyeditsweng
Sethogo	Dinthha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boelele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<p>Tihaola le go thhalosa dipalotlalo Itsise bokao jwa dipalo ya 1</p> <p>O balela kwa godimo o boeletsa go tloga ka 1-5</p> <p>Metshameko ya go dirisa mmele</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Supa dikarolo tsa mmele sekao nko e le nngwe - Nota thhogo ganngwe, go itaya ka leoto gaangwe, tlola ganngwe jalo jalo. - Tsholetsa monwana o le 1, letsogo le le 1, leoto le le 1 jalo jalo - Bopa dipalo 1 ka mmele ya bone - Kwala dipalo 1 mo moyeng /le fa fatshe - Opa diaita ganngwe 	<p>Dipalo ya dipina le diraeme</p>	<p>Letsatsi 1</p>
	<p>Didiriswa tse di dikgongwang tsa tekanothakoretharo (3-D)</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Supa sediriswa se sengwe mo phaposing sekao boloko e le nngwe ya go aga - Bopa dipalo ya 1 ka seloko ya go tshameka 	<p>Didiriswa tse di mo phaposing le mo tikologong</p>	<p>Barutwana</p> <p>Setshwantsho sa sediriswa se le sengwe</p> <p>Padisi e le nngwe ya morutwana mongwe le mongwe.</p> <p>Dikarata tsekedimo tse di farologaneng tsa ditshwantsho.</p> <p>Karata tsekedimo ya marontho</p>

Beke 4 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsoots e le 30 ka letsatsi (+- 5 dilitlwana tsa dipalo mo bekeng)		Bolele jwa nako jo bo lekanyeditsweng
Sethogo	Dinthha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Letsatsi 1
2.1 Dipaterone tsa Jeometeri	<p>Supa dipaterone mo tikologong le mo diaparong tsa barutwana</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Buisana le barutwana ka dipaterone tse ba di boneng mo tikologong le diaparo tsa bone: - Ke dipaterone tsese tse di nang le mela? - A dipaterone tsotthe di a tshwana.pharologanyo ke eng le gore di tshwana ka eng? - Ke eng se se dirang paterone? - Paterone e ya ipoelets-a-mela/diboloko/dipopego <p>Kopolola le go atolosa dipaterone</p> <p>Metshameko ya go dirisa mmele</p> <p>Morutabana o golegela ribono e e khividu le e e bududu mo diatlang Leteletela barutwana go : le banne. O bopa paterone ka go bay a morutwana wa ribono e e khividu mo pele ga morutwana wa ribono e e bududu, wa ribono e e khividu a letelwa ke wa ribono e e botala jwa loapi. Leteletela barutwana go feleletsa paterone</p> <p>Dirisa dipopego tekanoihakoretharo (3-D) go ruta ka ga dikgonngwa tse di bonaggalang</p> <ul style="list-style-type: none"> - Morutabana o thaya paterone ka dikhurumelo tse 3 tse di bududu le tse khividu tse 3 - Leteletela barutwana go kopoloia paterone 	  	Dikhurumelo tse di khividu le tse di bududu bududu di newa morutwana mongwe le mongwe

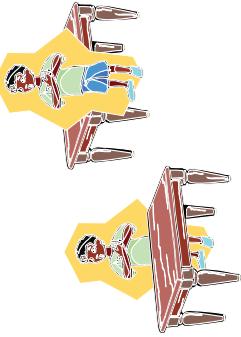
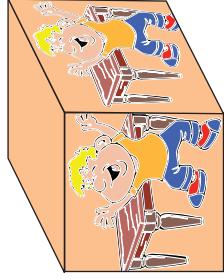
Beke 4 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metso ts a dipalo mo bekeng)	Dinthha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo				Letsatsi 1
3.2 Ditekanothha-koretharo (3-D)	<p>Tlhaola dipaterone mo tikologong le mo diaparong tsa barutwana Godisa bokgoni go farologanya fa gare ga didiriswa “hanolopepele le thanolo morago”</p> <p>Dirisa dikgonngwa tse di bonagalang go ruta ka ga dipopego tekanyothhakoretharo</p> <p>Morutabana o bayo didiriswa tse di farologaneng mo phaposing le kwa ntie mo patielong</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Supa didiriswa tse di farologaneng mo phaposing sekao didiriswa tsa legong, ddidiriswa tse dikhibidu, didiriswa tsa polasitiki - Battia didiriswa tse di riling mo phaposing ka go latela dikaelo tsa morutabana sekao bolo mo setsheleng sa diboloko tsa Lego, koloi ya go tshameka mo teng ga khaboto,pensele mo teng ga thinji jalo jalo - Battia didiriswa tse di tshwanang sekao ditalama tse di kgolokwe mo gare ga tse dikhuttonne,mabole o mohibidu mo gare ga dimabole tsa mebalabala jalo jalo - Tlhaola sediriswa go ya ka motuta wa sone sekao mmala, hogwasipa kgotsa popego - Tshameka moishameko “Setthodi ka leitho le le lengwe, selo sengwe se se kgolokwe.....” - Battia didiriswa tse di rileng mo tikologong o latela ditaelo tsa morutabana sekao nonyane mo setthareng, ribono mo setthareng, tshneše e e ntie, tshoswane e tsamaya mo lethareng jalo jalo - Kwa gae barutwana ba rotloediwe go tlosa dintsho tsothe, kgotsa dithipa kgotsa diforotiho go tswa mo laeng <p>Dirisa dikgonngwa tse di hal ofo kgotsa ditshwantsho go ruta ka dipopego tekanothhakorepedi (2-D)</p> <p>Examples: supetsa barutwana setshwantsho le go ba botsa dipotsa tse di lebaganeng go setshwantsho</p> <ul style="list-style-type: none"> - ”Mosetsana o tshwere eng mo letsogong” - Go na le batho ba le ba kae mo sekepeng? jalo jalo - Aga malea le go tshameka ditomino tsa ditshwantsho di siametse go godisa barutwana mo ponong ya setshwantsho fa fatshe. 	<p>Didiriswa tse di farologaneng mo phaposing le mo tikologong .</p> <p>Setshwantsho sengwe le sengwe go buisana (phousestara)</p>  <p>Malea</p>		

<p>Beke 4 Kitsiso</p> <p>Setlhogo</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 dilitlwana tsa dipalo mo bekeng)</p>	<p>Dinthha tsa thhaloso</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
<p>3.2 Didiriswa tsa tekanothakore- tharo 3-D</p> <p>Tthalosa, tlhaola le go bapisa didiriswa tsa tekanothha- koretharo(3-D) le dipopego tsa tekanothha- korepedi (2-D)</p>	<p>Utolola dipopego le bogolo jwa mabokoso Metshameko ya go dirisa mmele</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Palama mo teng le kwa ntle ga lebokoso le le tonna - Battisisa se se mo teng ga lebokoso ka motlotlo ka ga se ba se bonaang mo teng ga leboko sekao lebokoso le na le bokwa tlase, e na le mathakore a le mane le sekharumelo - Bula lebokoso go lebelela popego <p>Dirisa dikgonngwa tse di kgongngwang go ruta ka ga tekantothakoretharo</p> <ul style="list-style-type: none"> - Dirisa mabokoso go aga dipopego sekao ntlo, garaje (dirisa ka nako ya botsweretsi jwa pono)(visual arts) go aga o dirisa mabokoso a a farologaneng ka bogolo - Neela barutwana ka didiriswa tse di farologaneng jaaka ditlalama, diboloko, dikhurumelo tsa mabotilo jalo jalo. <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Go tlhaola didiriswa ka dithophpha tsa mefuta e tshwanang - Battisisa gore dipharologanyo ke eng magareng ga didiriswa - Battisisa gore didiriswa dife tse di khuttonne le tse di kgolokwe - Tlhaola didiriswa go yaa ka mmala o o tshwanang. 		 <p>Mabokoso a a farologaneng a matonna le a manye (setsidifatsi se se lolea le setofo se se dirilweng ka lebokoso</p>	<p>Lettsatsi 1</p>

Beke 4 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metso ts a dipalo mo bekeng)	Dinthha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng
Setlhogo	<p>3.3 Dipopego tekanothakore-pedi (2-D)</p> <p>Lemoga, tlhaola le go neela maina a dipopegotsa tekanothakorepedi (2-D) mo phaposing kgotsa ditshwantsho</p> <p>Itsise ka ga Khutlotharo</p> <p>Fa o itsise barutwana lwa nthia ka ga khutlotharo, didiriswa tse o di dirisang di tshwanetse go tshwana letsatsi le letsatsi (bogolo jo bo tshwanang, mmala o o tshwanang le phopholego e e tshwanang Khutlotharo e na le mathakore a le mararo a a tlhamaletseng) Se, se bidiwa khutlotharo</p> <p>Metsameko ya go dirisa mmele</p> <p>Lettelela barutwana go:</p> <ul style="list-style-type: none"> - Dira/bopa dipopego ka mebele ya bone sekao barutwana ba bopa khutlotharo ba mebele ya bone - Ba bopa khutlotharo ba dirisa menwana ya bone. - Ba dira/bopa khutlotharo ka go dirisa manatwana a wulu kgotsa seloko e e tshamekang. - Tsamaya mo godimo ga thadiso ya popego ya khutlotharo. Fa ba ntse ba tsamaya ba bue ba re "Ke tsamaya mo godimo ga thadiso ya matlhakore a khutlotharo nngwe, pedi, tharo (sekhlutlo) - Phopholetsa dipopego. Dirisa dipopego tse dikgolo kgotsa o tsenye dipopego tse di farologaneng mo kgetsing e o kgonang go e phopholetsa. Morutwana o phopholetsa popego mo kgetsing le go bapisa le setse ya dikarata tsekedimo tse di maleba (dikarata tsekedimo di na le dipopego di tshwantshitswe mo go tsone.) - Thala popego ya khutlonne mo moyeng, mo fatshe, ka tsikho, mo bofelong o dirise pampiri <p>Tlhalosa, tlhaola le go apisa didiriswa tekanothakoretharo (3-D) le dipopego tekanothakore-pedi (2-D)</p> <p>Dirisa dikgongngwa tse di kgongngwang go ruta ka ga tekanothakoretharo (3-D)</p> <p>Lettelela barutwana go</p> <ul style="list-style-type: none"> - Tlhaola dipopego tsa dikotana go ya ka popego (sediko le khutlotharo) bogolo (tonna le nnye) le mmala (khibidu, serolwana, botala jwa legodimo) - Lebelela dipopego tsa khutlotharo mo phaposing le mo tikologong. 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Letsetsi 1</p> <p>Motshameko wa dikarata tsekedimo go godisa temogo ya dipopego</p> <p>Wulu kgotsa seloko sa go tshameka</p> <p>"Kgetsana e e phopholediwang (dirisa kgetsana ya lapa ka rekere kwa godimo) ka dipopego tse di farologaneng isa thuto ya tekatekano (thutatekano)</p> <p>Bapisa sete ya dikarata tsekedimo e e tshwantshitsweng dipopego mo go tsone Pampiri ya A4 le dikerryone</p> <p>Dipopego tsa dikotana (Logi)</p> <p>Dipopego mo phaposing le mo tikologong</p>	

Beke 5 Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ddiriwana tsa dipalo mo bekeng)	Nako e e tshitshintsweng : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ddiriwana tsa dipalo mo bekeng)	Nako e e tshitshintsweng : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ddiriwana tsa dipalo mo bekeng)												
Sethogo	1.1 Bala didiriswa	Dintiha tsa thaloso												
1.1.1 Bala didiriswa	<p>Tthalosa le go thiophha dipalo otalo Gatelela kitso e a e boneng mo dibekeng tse 4 tse di akaretsang dipalo ya 1 Ka molomo: Go Bala letsatsi poeletso go tswa mo go 1 go filha ka 5 Metsameko ya go dirisa mmele</p> <p>A barutwana:</p> <ul style="list-style-type: none"> - Ba dira dira selotsopetso s k ba opa diattha gangwe. - Morutabana o supetsa papetlana e e supetsang dipalo 1 mme barutwana ba tsholetsa monwana o le 1, seatla se 1, leoto le 1 jj. <p>Didiriswa tsa tlhakoretharo tse di kgongngwang</p> <p>A barutwana:</p> <ul style="list-style-type: none"> - Bona sediriswa se le sengwe mo phaposing. - Bala sebadisi se le sengwe. <p>Dirisa didiriswa tse dikgongngwang tsa popegotekatekano tlhakorepedi kgotsa setshwantsho</p> <ul style="list-style-type: none"> - Bapisa mofuta wa setshwantsho se le sengwe, le karata ya tsekedimo e le nngwe ka lerontho. - Bapisa mofuta wa setshwantsho se le sengwe ka papetlana pontsho ya letshwao palo e le 1. - Bapisa letshwao la palo le karata shekedimo ya leinapalo . - Dira dipalo tsa phasele mme o letlele barutwana go di bapisa sekao. 	<p>Didiriswa tse di attenegisitsweng</p> <p>Dipina tsa dipalo le diraeme</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa sediriswa se le sengwe</td> <td style="text-align: center;">1</td> <td style="text-align: center;">nngwe</td> </tr> </table> <p>Nako e e lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Didiriswa tse di attenegisitsweng</p> <p>Dipina tsa dipalo le diraeme</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa sediriswa se le sengwe</td> <td style="text-align: center;">1</td> <td style="text-align: center;">nngwe</td> </tr> </table> <p>Nako e e lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Didiriswa tse di attenegisitsweng</p> <p>Sediriswa se le sengwe Sebadisi se le sengwe</p> <p>Didiriswa tse di attenegisitsweng</p> <p>Mefuta ya dipapetlana ka setshwantsho se le sengwe, le kolwana e le nngwe mo go tsonaa variety of flash cards with one picture, and one dot on them.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa sediriswa se le sengwe</td> <td style="text-align: center;">1</td> <td style="text-align: center;">nngwe</td> </tr> </table> <p>Papetlana e e nang le letshwao palo le leinapatio Flash card with number symbol and number name</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa sediriswa se le sengwe</td> <td style="text-align: center;">1</td> <td style="text-align: center;">nngwe</td> </tr> </table>	Setshwantsho sa sediriswa se le sengwe	1	nngwe	Setshwantsho sa sediriswa se le sengwe	1	nngwe	Setshwantsho sa sediriswa se le sengwe	1	nngwe	Setshwantsho sa sediriswa se le sengwe	1	nngwe
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Beke 5	Nako e e tshitshintsweng : Tirwana e nngwe ya phaposi e e baakantsweng e kaehwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ditirwana tsa dipalo mo bekeng)			
Sethogo	Dintitha tsa thhaloso	Didiriswa tse di attenegisisitsweng	Nako e e lekanyeditsweng	
3.4 Lemoga molatekatekano	Gateleia temogo ya gore mmele wa motho o na le mathakore a le mabedi sekao “lethakore le lengwe le lethakore le lengwe le le yang ko” mojeng” le molema ” Metshameko ya go dirisa mmele Morutabana o thhalosa mathakore a mabedi a mmele.	<p>Letilela barutwana go :</p> <ul style="list-style-type: none"> - Ema ka leoto le lengwe mme gape ba eme ka leoto le lengwe.. - Tsamaella kwa modumong o tsamaelanang wa setsikenyegi go ya kwa lethakoren la phaposi. Fa motshikenyego o ema, barutwana bay a kwa lethakoren la phaposing. <p>Dirisa didiriswa tse dikgonngwang tsa popegotekatekano thakorepedi kgotsa setshwantsho</p> <p>Dirisa dikgonngwa tsa tekatekanothakoretharo 3-D le didiriswa</p> <p>Morutwana mongwe le mongwe o fiwa kgetsi ya dinawa :</p> <p>Letilela barutwana go :</p> <ul style="list-style-type: none"> - Ba beye dikgetsi tsa dinawa mo fatshe mo thoko ga bona. - Isa kgetsi ya dinawa go ya kwa lethakoren la mmele wa bona ba dirisa menwana ya maoto, diatii jj. - Baya kgetsi ya dinawa mo fatshe mo lethakoren la mmele mme o tsamaisetse kwa lethakoren le lengwe. - Gatelela kakanyo ka go e lomaganya botsweretshi jwa pono ka go letilela barutwana go dira ditshwantsho tsa serurubele. <p>(Mena pampiri ka bogare; tshela lerontho la pente mo lethareneng la pampiri menaganya pampiri ka bogare mme o gase pente mo setshwantshong, bula le go lebelela serurubele; kgaola mola o o kgaoganyang – serurubele se na le mathakore a mabedi a a tshwanang)</p>	<p>Letatsi 1</p> <p>Setsikinyegi se ka itirelwa mo gae – setsihelo se se nang le sekhumrelo se tradiswe ka majwana.</p> <p>Morutwana yo mongwe le yo mongwe</p> <p>Kgetsana ya dinawa</p>	<p>Letatsi 1</p> <p>“Kgetsana ya masela” (Kgetsana ya masela ka rekere mo godimo) Mo kgetsaneng go na le: Bogolo jo bo farologaneng, mabole, silindara, dithini tsa senotsidi e e senang sepe , dipopego tse dikgolokwe tsa polasitiki kgotsa dikhurmelo tsa mabottle tsa popeo ya polasitiki</p>
3.2 Didiriswa tsa Te- kanothakoretharo 3-D	Itise le go utulola dilo tse di kgonang go kgokologa	<ul style="list-style-type: none"> - Buisana ka ga bokgolokwe jwa didiriswa. Baya didiriswa tse dikgolokwe mo teng ga kgetsana ya lesela (kgetsana ya lesela). Barutwana ba tsaya sediriiswa go tswa mo go yona mme ba thhalose bokgolokwe jwa teng. - Barutwana ba supetsa ka mokgwa didiriswa di pitikang ka thulamo go tsholetswa ditafole ka ditena tse pedi.L 		

Beke 5 Tirwana e nngwe ya phaposi e baakantsweng e kaewa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 dirirwana tsa dipalo mo bekeng)	Nako e e tshitshintsweng : Tirwana e nngwe ya phaposi e baakantsweng e kaewa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 dirirwana tsa dipalo mo bekeng)	Didriswa tse di attenegisitsweng Nako e e lekanyeditsweng
Sethogo 3.1 Maemo, kitsiso le dipono	<p>Maemo a didriswa mo go pedi kgotsa go fetapapi le morutwana</p> <ul style="list-style-type: none"> - Pele ga / morago ga <p>Metshameko ya go dirisa mmele:</p> <p>Morutabana o tlhopha barutwana ba babedi go bala ka raemeng:</p> <ul style="list-style-type: none"> - Baya ditulo tse pedi mo pele ga phaposi.. - Barutwana ba le babedi ba supetsa kakanyo ya pele ga le morago ga go ya ka dittaelo tsa morutabana sk. o Dimpho ema fa pele ga setilo o Lebo ema mo morago ga setilo - Fa ba setse ba kgonne morutabana o tsholetsa papetiana mme barutwana ba bontshe se se diragadiwang ba dirisa ditulo tsa bona - "Se se kanna sa bontshwa go dirisiwLettelela barutwana go: le bararo. o Tshepang o eme mo morago ga Reo mme Khumo o eme fa pele ga Tshepang . - Morutabana o neela barutwana letaese le legolo le le nang le ditshwantsho tse di farologaneng tse di tlhalosang "mo pele gal le mo marago "di kwadiwe mo mathakoreng sk.ema mo pele ga mongwe wa moriri o motele, ema mo morago ga motho o o apereng borukgwe; dula mo morago wa o mongwe jj - Lellelela barutwana go tshameka motshameko ka dithophha ka go latihela letaese le go diragatsa ka moo e weleng teng, 	<p>Didriswa tse di attenegisitsweng Nako e e lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Ditulio Barutwana</p> <p>Dipapetiana ka tiragatsa ya pele le morago</p>  

Beke 5	Nako e e tshitshintsweng : Tirwana e nngwe ya phaposi e e baakantsweng e kaewa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ditirwana tsa dipalo mo bekeng)	
Sethogo		
3.2 Didiriswa tsa Tekano- tlhakoretharo (3-D)	<p>Ka didiriswa tse pedi tse o di filweng bapisa gore ke efe e tonna le e nnye</p> <p>Metshameko ya go dirisa mmele</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Godisa mmele wa bona go nna motonna ka go phutholola diatia a bona mo godimo ga dithhogo tsa bona. - A ba dire mmele ya bona menye ka gokobega le go ikhutuganya. - Thomamisa gore a ntswa e tonna go peba <p>Tiriso ya didiriswa tsa tlhakoretharo tse di kgonngwang</p> <p>Ka gale tlhagisa bonnye didiriswa tse pedi mo go bapisanyeng .</p> <ul style="list-style-type: none"> - Bapisa bogolo jo bo farologaneng jwa mafuta e e tshwanang ya diboloko, dibolo, dipolaiti, ditalamama, tafole, ditulo jj le go tlhomamisa gore ke didiriswa tse feng tse di "ditonna/nye" le "bogolo le bonnye". - Aga meago ka diboloko mme barutwana ba tshwantshe gore ke mang moago wa gagwe o leng mogolo le o monnnye. <p>Tekanolihakorepedi kgotsa ditshwantsho tsa dikgonngwa tse di halofo</p> <ul style="list-style-type: none"> - Thala ditshwantsho tse di tlhalosang kakanyo ya bogolo le bonnye. - Dirisa kakanyo ya bogolo le bonnye ka nako ya botswretshi jwa boitlhamedu. 	<p>Didiriswa tse di attenegisisweng</p> <p>Nako e e lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Setshwantsho sa peba le ntswa(netefatsa gore setshwantsho sa ntswa se nna setonna mo setshwantshong sa peba)</p> <p>Didiriswa tse di mo phaposing jaaka diboloko, dibolo, dipolaiti, ditalamama, dibaga, dithobane, diphekese, dibokoso tsa molelo, ditini, dilkhurumeio tsa dibolololo, jj.</p> <p>Ditshwantsho tse di bontshang bogolo le bonnye .</p>

Beke 5 Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 dirirwana tsa dipalo mo bekeng)	Nako e e tshitshintsweng : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 dirirwana tsa dipalo mo bekeng)
Sethogo 3.2 Didiswa tsa tekanothakore (3-D)	<p>Dintitha tsa thaloso</p> <p>Bapisa gore ke didiriswa tse feng tsa tse pedi tse di :</p> <ul style="list-style-type: none"> - Bogolo le bonnye - Tonna thata le nnye thata - Tonna thata thata le nnye thata thata <p>Metshameko ya go dirisa mmelle</p> <p>Morutabana o bapisa kgolokwe e nnye mo mmung, mo fatsho/fulurong.</p> <ul style="list-style-type: none"> - Barutwana ba tsamaya mo thadisong ya sediko e nnye Morutabana o thala kgolokwe e e kgolo kwa ntle ga kgolokwe - Barutwana ba tsamaya mo thadisong ya sediko se segolo - Morutabana o botlsa dipotsa: <ul style="list-style-type: none"> o Ke sediko sefeng se sennye thata? o “Ke sediko sefeng se segolo thata?” o “Tsamaya godimo ga sediko se sennye” o Tsamaya mo sedikong se segolo . <p>Morutabana o thala kgolokwe e e kgolo mo ntle ga kgolokwe</p> <ul style="list-style-type: none"> - Barutwana le bona ba tsamaya mo thadisong ya kgolokwe e e kgolo - Morutabana o botlsa dipotsa di tshwana le: <ul style="list-style-type: none"> o Ke kgolokwe efeng e kgolo?” o “Ke dikgolokwe difeng tse di nnye?”

Beke 5 Tirwana e le nngwe ya phaposi e baakantsweng e kaefwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ddiriwana tsa dipalo mo bekeng)	Nako e e tshitshintsweng : Tirwana e le nngwe ya phaposi e baakantsweng e kaefwa ke morutabana ka beke (mosako) ya ± 30 metsotsoto (± 5 ddiriwana tsa dipalo mo bekeng)
Sethogo 3.2 Didiiswa tsa tekanothakore (3-D)	<p>Didiiswa tsa thakoretharo tse di kgonngwang.</p> <p>Barutwana ba thiaola le go Bapisa didiiswa tse di farologaneng go ya ka bogolo (kgolo, nnye)</p> <ul style="list-style-type: none"> - Ditalama tse di kgolo go tswa go tse di nnye. - Dintsho a magolo go tswa go a mannye. - Dibokoso tse di kgolo go tswa go tse dinnye <p>Tirwana e ka atolosetswa go motshameko wa kwa ntle(tshameko yam mu le ya metsi) ko barutwana ba ka Bapisang didiiswa le go Motlotlo tse di nnye, kgolwane, kgolo thata le nnye thata.</p> <p>E ka nra gape ya goagantswa le botsweretshi jwa pono – dirisa kolage o dirisa ddiriswa tse dikgolo /nnye!</p> <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgongnwa tsa tekanothakorepedi (2-D)</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - tshameka motshameko wa dikarata tsekedimo le go tlhaola nnye, kgolo, kgolwane go tswa mo ditshwantshong. - botsa dipotso di tshwana le: "Ke tlhapi e feng ya ntliha kgotsa ke efeng ya botelo?" "Ke tlhapi efeng e e mo gare?" <div style="text-align: center;">  </div> <div style="text-align: right;">  </div> <div style="text-align: right;">  </div> <p>Diboloko tsa di agang le dibolo tsa bogolo jo bo sa lekaneng. Ditalama, dibokoso tsa dithhare, dibokoso tsa maswi tse di di senang sepe. Dibotolo tsa dithhare jj.</p> <p>Didiiswa tse di attenegisisweng</p> <p>Nako e e lekanyeditsweng</p>

Beke 6 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) + metsotsotso e le 30 ka letsatsi (+ ditirwana tsa dipalo mo bekeng)	Bolele jwa nako jo bo lekanyeditsweng	
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto ts e di atlegenesitsweng	
1.1 Bala didiriswa	Fopholetsa le go bala didiriswa letsatsi le letsatsi ka botshepegi Go bala letsatsi le letsatsi <ul style="list-style-type: none"> - Go Motlotlo: go bala o ipoletisa / o bala letsatsi moriboa go tloga ka 1-5 - O opela dipina tsa dipalo le diraeme 	Dipina tsa dipalo le diraeme	Letsatsi le letsatsi
1.2 Dipaterone tsa Jeometeri	Kopolola paterone <ul style="list-style-type: none"> Metshameko ya go dirisa mmele: - Morutwana o supetsa paterone ka mmele le barutwana ba tshwanetse go kopolola dipaterone sekao opa dialla, gata ka maoto, thwatlissa menwana jalo jalo 	   	Barutwana
Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)	Kopolola paterone o dirisa dipopego sekao <ul style="list-style-type: none"> - Dirisa mefuta e e farologaneng ya matlhare - Dirisa dipopego sekao sediko, sediko, khutlotharo , sediko..... - Dirisa didiriswa sekao pekese e khibidu, e e botala jwa loapi, e e serolwana, e e khibidu..... 	Dipopego tsa Logi Borotho ya Pekese	Neela barutwana dikarata tsekedimo tsa ditshwantsho Dikarata tsekedimo tsa mmala Morutabana o kgona go segolola dipopego mo seponthsheng
Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)	Lettelela barutwana go <ul style="list-style-type: none"> - Bopa dipaterone tsa bona ka go dirisa dikarata tsekedimo tsa ditshwantsho sekao tšeše, lethare, lethare, tšeše..... - Bopa dipaterone tsa bone ka go dirisa dikarata tsekedimo tsa mmala sekao khibidu, bududu, khibidu, bududu, khibidu..... - Ka nako ya botswereitshi jwa boithamedi barutwana ba gatise dipaterone ba dirise seponthsheng se se segolotsweng dipopego 		

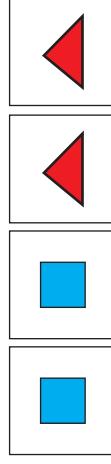
Beke 6 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+- ditirwana tsa dipalo mo bekeng)	
Sethogo	Dipopego tsa Tekanotlhakorepedi (2-D)	<p>3.3</p> <p>Lemoga, tlhopha le go neela khutionne-leina Itsite barutwana ka khutionne</p> <p>Fa o itsise barutwana lwa nthia ka khutionne,didiriswa tse di dirisweng di tshwanetse go tshwana gothie (bogolo jo bo tshwanang, mmala o tshwanang, phopholetso e e tshwanang) Khutionne e na le mathakore a le mane. Se, se bidwa khutionne</p> <p>Metsameko ya go dirisa mmelle</p> <ul style="list-style-type: none"> - Barutwana mo phaposing ba bopa popego ya khutionne - Lettelela barutwana go tsamaya mo godimo ga khutionne e bopilweng ka thapo mo fatshe, ba nts e ba tlota "ke tsamaya mo khutonneng-lethakore le lengwe, mathkore a mabedi, mathakore a mararo, mathakore a mane-mathakore otthe a tshwana" - Lettelela dithophpha tsa barutwana go bopa dikhuttonne tse dinne <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutabana o supetsa pharologny magareng ga sediko le khutionne ka go ba supetsa sekhurumelo sa /moteme/thini le thaele ya khutionne - Sekhurumelo se utilwala se le kgolokwe fa o se tshwara le thaele e na le dikhutto mo dikhutiwaneng <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o thala go potologa sekhurumelo le go potologa thaele - Sekhurumelo se emela sediko le thaele e emela khutionne - Lettelela barutwana go gatisa go potologa sekhurumelo le thaele o dirisa kerayone
3.2	Didiriswa tsa tekatekanotlhakoretharo (3-D)	<p>3.3</p> <p>Ie dipopego tsa te- kanotlhakorepedi (2-D)</p>

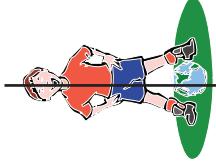
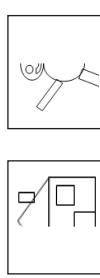
Beke 6 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ ditirwana tsa dipalo mo bekeng)	Dithusa-tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
3.2 Lemoga, supa le naya leina la didiriswa tsa tekanothakoretharo tse di relelang	<p>Itsise didiriswa tse di relelang Neela barutwana didiriswa tse di farologaneng tsa tekanothakoretharo (3-D) le dipopego tekanothakorepedi (2-D) jaaka diboloko, mabokoso, dibolo jalo jalo</p> <ul style="list-style-type: none"> - Lettelela barutwana go itemogela ka go tshameka, ba bone gore ke didiriswa dife tse di relelang le tse di dikologanga - Barutwana ba ka dirisa seridiswa sa go relela kwa lifelong la go tshameka kwa ntle, kogisa morutabana a ka dirisa tafole a e robaise go le gonye, a beile boloko mo godimo gore e relele - A nngwe ya didiriswa e ka relela go ya kwa godimo? - Ke didiriswa difeng tse di relelang go ya kwa tlase? - Ke eng didiriswa tse, di kgona go relela? 	<p>Dithusa-tthaloso</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
3.1 Maemo, kitsiso le dipono	<p>Tthalosa sediriswa se le sosi sa tekanothakoretharo (3-D) mo kamanong le nngwe. Godisa kgopolole mo godimo/kwa tlase, kwa tlase/mo godimo Meishameko ya go dirisa mmeli</p> <p>Morutwana mongwe le mongwe o dula mo setilong sa gagwe</p> <ul style="list-style-type: none"> - Barutwana ba reetsa ditaelo tsa morutabana le go di latela ba ntse ba dira tiragalo setao dula mosetilong, robala letsatsi fa tlase ga setilo - Ema mo godimo ga setilo sa gago. Dula ka fa tlase ga tafole - Baya diaitala a gago mo godimo ga tlhogo ya gago - Baya diaitala a gago ka fa tlase ga maoto a gago - Baya kgetsana ya dinawa ka fa tlase ga magwafa a gago - Dua mo godimo ga kgetsana ya dinawa - Tshwara hula hupu ka fa tlase ga mangole a gago <p>Dirisa dikgonngwa go ruta ka ga tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Lettelela barutwana ba le babedi go tshwara thapo ya go tiola, barutwana ba bangwe ba gagabe ka fa tlase ga thapo - Battla sediriswa ka fa tlase ga tapeiti/ebokoso jalo jalo <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o neela barutwana ka ditshwantsho tse di farologaneng, tse di kgonang go dinisiwa go ruta kgopolole ka ga mo godimo, kwa tlase, mo godimo e tshwantshitswe serao motho o dutse mo godimo ga pitse, ngwana a robeise ka fa tlase ga kobo jalo jalo <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Supa kgopolole ka ga mo godimo le kwa tlase mo ditshwantshong 	<p>Bolele jwa nako jo bo lekanyeditsweng</p>	<p>Dithusa-tthaloso</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>

Beke 6 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>4.1 Nako</p> <p>Tthalosa nako ya letsatsi go ya ka motshegare, le bosigo/lesedi, lefifi Itslide dikgopolole tse pedi “motshegare/bosigo le lesedi/lefifi”</p> <ul style="list-style-type: none"> Golaganya dikgopolole tse le ditlhogo tsa kitsi ya tshimologo mo dikgonong tsa botshelo <p>Metsameko ya go dirisa mmeli</p> <ul style="list-style-type: none"> - Itemoge lefifi ka go dua ka fa tlase ga tafole le ditlulo tse di khurumeditsweng ka kobo - Tswala digareteini tsa phaposi go dira phaposi gore e me lefifi le go tima mabone - Barutwana ba Motlotlo ka ga maitemogelo a bone fa phaposi e le lefifi le fa e le lesedi - Neela totshe go tshuba ka fa tlase ga kobo - Motlotlo ka ditirwana tse di diragalang bosigo le tse di diragalang motshegare <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o baakanya positara e tshwantshitsweng letsatsi le ngwedi le go neela ditshwantsho tse di supetsang se se dirageiseng mo nakong ya bosigo le mo nakong ya motshegare. - Barutwana ba baya ditshwantsho ka fa tlase ga letsatsi le/kgotsa ka fa tlase ga ngwedi 	<p>Dithusa-thuto tse di atlegenesitsweng</p> 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p> 

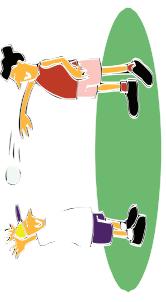
Beke 7 Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) ± 30 metsotsotso e le ±5 dltirwana tsa dipalo tsabeke	Sethogo	Dintiha tsa thhaloso Lemoga, tlhopha le go neela ka maina a dipopego tsa tekanothakorepedi (2-D) mo phaposing Itsise diphasele le go ba kaela gore ba di age jang.	Dithusathuto tse di attlenegisetsweng Mefuta e fapaaneng ya diphasele – bonyenye dikarolwana tse 6.	Bolelele jwa nako jo bo lekanyeditsweng. Letsatsi 1
3.3 Dipopego tsa tekanothakorepedi (2-D)	<ul style="list-style-type: none"> - Buisana ka setshwantsho sa phasele ka kelothoko e kgethegileng mo dintheng di tshwana le mmala, batho/diphologolo, didiriswa, maemo a batho/diphologolo le didiriswa - Supa, lemoga le go bapisa mefuta ya dikarolwana tsa phaseele sekao , <ul style="list-style-type: none"> o Dikarolwana tsa dikhutlo. o Dikarolwana ka lethakore le le thamaletseng o Dikarolwana kwa nt! e le mathakore a a sa thamalalang. o Bala dikarolwana tsa malea . 			

Beke 7	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) ± 30 metsotsos e le ±5 dltirwana tsa dipalo tsabeke	<p>Sethogo</p> <p>3.1 Maemo, kitsiso le dipono</p> <p>Dintitha tsa thhaloso</p> <p>Maemo a didiriswa tse pedi kgotsa go feta le kamano le barutwana</p> <ul style="list-style-type: none"> - Mo teng /kwa ntie Metsameko ya go dirisa mmeli - Morutabana o dirisa teipe e kgomarelang kgotsa thapo ya go tlola go dira mela e mebedi mo fatshe - Barutwana bothe ba ema lethakoren le nmme morutabana a bits, “mo nokeng(barutwana bothe ba tshwanetse go tlola magareng ga mela e mebedi, mme morago a goe a re tswang”. Barutwana bothe ba tshwanetse go tlolela kwa ntie mo gongwe tsa mathakore a mela e mebedi lengye - Barutwana ba ba sa sa lateleng ditaelo morago sentle ba tswile mme ga ba tshwanela go tswelela ka go tshameka <p>Didiriswa tsa tlakoretharo tse di kgongngwang:</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Ema dikgato tse di mmalwa go tswa mo kgamelong/serotong. - Latlhela dinawa mo serotong <p>Dirisa didiriswa tse dikgongngwang tsa popegotekanothakorepedi kgotsa setswantsho</p> <p>Dirisa dikadikgongngwa tsa popego tekanetsotlakore pedi le ditshwantsho.</p> <ul style="list-style-type: none"> - Barutwana ba thala ditswantsho ba bapisa ka dilwana tsa diteng tsa kwa ntie.
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Beke 7 Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) ± 30 metsotsotso e le ±5 dltirwana tsa dipalo tsabeke	Sethogo 3.1 Maemo, kitsiso le dipono	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Dirisa didiriswa tse dikgongngwang tsa popegotekatekano tlhakorepedi kgotsa setshwantsho <p>Maemo a didiriswa tse pedi kgotsa go fetu mo kamanong le barutwana Godimo/mo tlase</p> <p>Metsameko ya go dirisa mmeli</p> <p>Letelela barutwana go: sale ditaelo morago di tshwana le :</p> <ul style="list-style-type: none"> - Baya boloko e khibidu mo godimo ga tlhogo ya tsala ya gago - Baya boloko e e serolwana mot lase ga tafole - Baya boloko mo tlhogong ya gago mme o palame tafole - Gagaba mot lase ga tafole o tswetse matlho <p>Dirisa didiriswa tse dikgongngwang tsa tlhakoretharo</p> <p>Concrete using 3-D objects:</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Baya dikhuttotharo mo godimo gat se dingwe - Baya dikhuttonne tse di bulu mo godimo ga tse dingwe - Baya dikgolokwe tse khibidu mo tlase ga ditluttonne tse di serolwana - Baya diajiko tse di serolwana le dikhuttotharo tse dikhibidu mot lase ga khuttonne e e bulu <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekano tlhakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o baakanya dikarata tsekedimo tsa setshwantsho ka bongwe ka ditshwantsho mo go tsoma mmogo le dikarata tsekedimo tsa dipopego mo go tsoma - Barutwana ba tshwanetsi go bayaa dipopego mo godimo/ mot lase ga setshwantsho fa morutabana a kopa sekao Baya khuttonne mo godimo ga seroto sa maungo 	<p>Bolelele jwa nako jo bo lekanyeditsweng.</p> <p>Dithusathuto tse di attenegisetsweng</p> <p>Diboloko tsa kago</p> <p>Bolelele jwa nako jo bo lekanyeditsweng.</p> <p>Dithusathuto tse di attenegisetsweng</p> <p>Diboloko tsa kago</p> <p>Bolelele jwa nako jo bo lekanyeditsweng.</p> <p>Dithusathuto tse di farologaneng</p>  <p>Dikarata tsekedimo tsa dipopego</p> 
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Beke 7 Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) ± 30 metsotsos e le ±5 ditirwana tsa dipalo tsa beke	
Sethogo	<p>Dintitha tsa thaloso</p> <p>3.4 Tekatekano</p> <ul style="list-style-type: none"> Gatelela temogo ya molatekatekano mo go ena (mmele wag a gagwe) <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Neela dikarolo tsa mmele wa bone. - Opela pina e e nang le ditragatso ka ga mmele <p>Morutabana o supetsa barutwana kakanyo ya molatekatekano ka go pega thapo mo pele ga morutwana.</p> <ul style="list-style-type: none"> - Barutwana ba tshwanetse go gopola gore mmele wa bona o kgaoggantswe ka mathakore a le mabedi.  <p>Dithusathuto tse di attenegisetsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng.</p> <p>Letsatsi 1</p>
Setshwantsho	<p>Pina: "Tlhogo, magetta, sehuba le letheka"</p> <p>Tiriso ya kgole go supetsa mebele ya barutwana .</p>  <p>Dirisa didiriswa tse dikgongwang tsa popegotekatekano thakorepedi kgotsa setshwantsho</p> <ul style="list-style-type: none"> - Thala ditshwantsho tse di sa felelang mo karolwaneng ya pampiri mme o kope barutwana go feleletsa setshwantshong se se sa felelang

Beke 7 Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) ± 30 metsotsos e le ±5 dilitirwana tsa dipalo tsabeke	Sethogo 3.1 Maemo, kitsiso le dipono	Dintitha tsa thhaloso <ul style="list-style-type: none"> Maemo a didiriswa tse pedi kgotsa go feta mo kamanong le barutwana <p>Godimo le tlase Metsameko ya go dirisa nmmele</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Supetsa "godimo" le "tlase" ka go tsamaisa nmmele ko godimo le tlase go ya ka ditaelo tsa morutabana - Palama dikgato tse pedi a ntse a bala palo ya dikgato. - Palama dikgato tse pedi go ya tlase o ntse o bala - Palamela godimo le tlase mo didirisweng tsa kwa ntle - Palamela godimo le tlase ka thapo e e palamang fa sekolo se na le yona - Lebeleia godimo le tlase. <p>Dirisa didiriswa tse dikgongwang tsa popegotekatekano thakorepedi kgotsa setshwantsho</p> <ul style="list-style-type: none"> - Triso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) <ul style="list-style-type: none"> o Morutabana o neela barutwana mefuta e e farologaneng ya ditshwantsho mo kakanyong ya godimo le tlase ya bontsiwa sk motho o palama thaba kwa godimo, baluni ya m o moweng e e yang ko tiase, mongwe a tsamaela kwa tiase ga dikgato jj. <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Thhalosa kakanyo ya godimo le tlase go tswa mo setshwantshong 	Bolelele jwa nako jo bo lekanyeditsweng. Letsatsi 1
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<p>Beke 8 Klitsiso</p> <p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le30 ka letsatsi (+ 5 ditzirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p> <p>Dintitha tsa thaloso</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
<p>3.4 Tekano</p> <ul style="list-style-type: none"> Kgalaganyo ya mola wa fa gare o akaretsa go bala Metsahameko ya go dirisa mmele <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Go fapaanya le go tlola ka morethetho a ntse a bala - Ba eme ba lebagane le go opa diatla ba a fapaanya (letsogo la molema la morutwana yo o emeng go lebagana le morutwana yo mongwe, le fapaana le la moja) ba opela pina ya dipalo/raeme. <p>Dirisa dikgonngwa go ruta tekanothakoretharo (3-D)</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Latthela bolo go tsala o ntse o bala - Tsamaya mo thapong e šokameng o ntse o opela pina sekao "One little elephant balancing Tiou ka tekanyo e nnye" - Ragela bolo kwa mothong yo mongwe <p>Tirwana e e fa godimo e ka nna ya golaganngwa le serutwa sa dikgono tsa botshelo</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>	<p>Barutwana Pina ya dipalo le diraeme</p> 	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
<p>2.1 Dipaterone tsa Jeonometeri.</p> <ul style="list-style-type: none"> Bopa dipaterone tsa gago Metsahameko ya go dirisa mmele <p>Letelela barutwana go : bope dipaterone ba dirisa</p> <ul style="list-style-type: none"> - Mebele ya bone sekao mosetsana o mongwe ka moses, basimane ba babedi ka marukgwe <p>Dirisa dikgonngwa go ruta didiriswa tsa tekanothakoretharo</p> <p>Letelela barutwana go : bope dipaterone ba dirisa</p> <ul style="list-style-type: none"> - O dirisa dipopego tse di khibidu le itse di botala jwa loapi sekao dikhuttonne tse 2 tse di bududu, dikhuthlotharo tse pedi tse di khibidu, dikhuttonne tse 2 tse di botala jwa loapi..... - Dirisa paterone ka nako ya ditirwana ka go dirisa pente e khibidu le dikhurumelo tsa mabotollo a pentlweng bududu <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) o dirisa mebala ya sekontari</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Ba dirisa monwana wa kgonope go gatisa molelwane ya mmala o dirisa pente sekao mmala o motala, wa namune, mmala o motala..... Mo godimo ga pampiri (tirwana e, e kgona go dirwa ka nako ya botsweretshi jwa pono) 	<p>Dirisa dikhurumelo tsa bottolo le tse di tsa polasitiki</p> 	<p>Bolele jwa nako jo bo lekanyeditsweng</p>	
		<p>Pampiri ya A4</p> <p>Pente yam mala o motala le mmala wa namune kgotsa mebala e mengwe e o nang le yona</p>	

Beke 8 Kitiso	Nako e e tshishintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metso ts a dipalo mo bekeng)	Setlhogo	Dintlha tsa thaloso	Boolele jwa nako jo bo lekanyeditsweng
3.2 Dipopego tsa tekanothakoretharo 3-D	Lemoga, tlhophya le go neela ka maina a didiriswa tsa tekanothakoretharo (3-D) Gatelela ka ga didiriswa tse di kgokologang Dirisa dikgongngwa go ruta ka ga tekanothakoretharo (3-D) Letelela barutwana	Dithusa-thuto tse di atlegenesitsweng	Mabotilo a dipolasitiki	Letsatsi 1
	<p>- Lemoga, tlhophya le go neela ka maina a didiriswa tsa tekanothakoretharo (3-D) Gatelela ka ga didiriswa tse di kgokologang Dirisa dikgongngwa go ruta ka ga tekanothakoretharo (3-D)</p> <p>Letelela barutwana</p> <p>- Tshameka ka dibotilo tsa polasitiki, meteme/dithini, namune jalo jalo le go batlisisa dikgonego tsa gore di ka kgokologa</p> <p>Morutabana o botsa gore</p> <ul style="list-style-type: none"> - Ke diboloko dife tse di mo sekhutwaneng sa boloko tse di kgokologang? - Diboloko ga di kgokologe ka gore di na le lethakore le lengwe le le thamaletseng - Kgokolosa didiriswa tse di farologaneng le go bona gore ke tse feng di kgonang go kgokologa le gore ke tse feng tse di sa kgoneng go kgokologa. - Barutwana ba tshvanetse go lemoga gore didiriswa tse di kgolokwe ke tsone fela tse di ka kgokologang. 	<p>Diboloko. Diboloko tsa Lego</p> <p>Dithini,dikopi tsa polasitiki,dirolo tsa pampiri ya nttwaneng boithomelo, dkerese, namune, dibolo jalo jalo</p>		Letsatsi 1
3.1 Maemo, kitsiso le dipono	Godisa bokao jwa dikaelo ka go itsise dikgopolole tse pedi e leng "Kwa pele/kwa morago" Metshameko ya go dirisa mmele Letelela barutwana go	Latelela dikaelo tsa morutabana (a le nosi le/kgotsa jaaka leloko la setlhopho) le go tsamaya kgotsa ba ema mo phaposing sekao	<ul style="list-style-type: none"> - Ema "kwa pele" ga phaposi (ela tlhoko gore kwa pele mp phaposing ke kwa go nang le kgoro teng) - Ema "kwa morago" ga phaposi - Tsamaela kwa le kwa morago. - Gagabel a kwa pele le kwa morago - Tioleta kwa pele le kwa morago 	Barutwana

Beke 8 Klitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsos e le30 ka letsatsi (+ 5 ditarwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng	Letsatsi 1
3.1	Maemo, kitsiso le dipono	Morutabana o thala paterone ka tshoko mo fatshe sekao;		E thadiiwe mo fatshe		
					Pampiri e khividu.	
		Kgotsa				

Beke 8 Klitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng	Letsatsi 1
5.1	<ul style="list-style-type: none"> Itsise dokgoolo tsa tiriso ya tshedimosesto (ba dirisa mebele ya bona) go kgobokanya ddidriswa mo phaposing kgotsa tikologong go ya ka dipopego tse di neetsweng sekao: <p>Metsameko ya go dirisa mmele</p> <p>Kgaoganya barutwana ka dithophpha</p> <ul style="list-style-type: none"> - Mo sethopheng sengwe le sengwe, littleleta basimane go ema mo moleng le basetsana go ema mo moleng o o latelang go bapa le basimane. - Littleleta barutwana go bala dipalo ya basimane le dipalo ya basetsana mo sethopheng sengwe le sengwe - Ka se, o ka feleletsa kerafo ya basimane kgotsa basetsana mo sethopheng <p>Dirisa dikgonngwa go ruta dipopego tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Barutwana ba ka dinisa tshedimosesto e e fa godimo go aga kerafo ya didiriswa tsa tekanothakoretharo(3-D), ba dinise diboloko/dipopego, sekao di emeia morutwana mongwe le mongwe 	Barutwana ba eme mo meleng e mebedi	Dithusa-thuto tse di atlegenesitsweng	Barutwana ba eme mo meleng e mebedi	Barutwana ba eme mo meleng e mebedi	Barutwana ba eme mo meleng e mebedi
5.2.	<p>Emela ,tthaola le phutha ya didiriswa,</p> <p>5.3</p> <p>Tshedimosesto e neetsweng</p>	Emela ,tthaola le phutha ya didiriswa,	Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)	Basetsana	Basimane	Tege Pampiri ya A4
5.4	Tshedimosesto e neetsweng	Barutwana ba dira kerafo ka go dirisa tege go dira bolo e e nnye e emelang bokao jwa bone jwa tiro e e fetileng	Barutwana ba dira kerafo ka go dirisa tege go dira bolo e e nnye e emelang bokao jwa bone jwa tiro e e fetileng	Barutwana ba dira kerafo ka go dirisa tege go dira bolo e e nnye e emelang bokao jwa bone jwa tiro e e fetileng	Barutwana ba dira kerafo ka go dirisa tege go dira bolo e e nnye e emelang bokao jwa bone jwa tiro e e fetileng	Barutwana ba dira kerafo ka go dirisa tege go dira bolo e e nnye e emelang bokao jwa bone jwa tiro e e fetileng

Beke 9 Kitsiso	Nako e tshishintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse 30 ka letsatsi (+ - 5 dittinwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Boleele jwa nako jo bo lekanyeditsweng
Setlhogo	<p>3.2 Didiiriswa tsa tekatekanyo-thakore 3-D</p> <ul style="list-style-type: none"> Batisisa ka ga didiriswa tse di relelang le tse di kgokologang Morutabana o tshwara bolo le go e itaya mo fatshe. O e tiogela e kgokologa mo fatshe. Morutabana o tsaya lebokoso le go dira se se tshwanang. <p>Morutabana ba botsa dipotsa:</p> <ul style="list-style-type: none"> - Ke sediriswa sefe se se kgokologang? - Ke eng lebokoso le sa kgokologe? - Ke sediriswa se se ka relelang? <p>Morutabana o supetsa barutwana gore lebokoso le na le matlhakore a le mane (dikhutlwana) ka ga moo ga e kgokologe, mme fela bolo ga e na dikhutlwana le go kgokologa</p> <ul style="list-style-type: none"> - Rotloetsa barutwana go batla diririswa mo phaposing tse di kgokologang le go relela - Botsta barutwana gore a ba bona didiriswa tse di kgokologang le go relelang. 	 Bolo Kgwele/bolo	 Lebokose

Beke 9 Kitsiso	Nako e tshishintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditinwana tsa dipalo mo bekeng)		
Setlhogo	Dintitha tsa thhaloso	Dithussa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
3.3 Dipopego tsa tekanothakorepedi (2-D)	<ul style="list-style-type: none"> Lemoga le go thhaola le go neela maina a dipopego tsa tekanothakorepedi (2-D) mo phaposing le mo ditshwantshong <p>- Seciko</p> <p>Gatelela thuto ka ga sediko</p> <p>Metshameko ya go dirisa mmelle</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Dira sediko o dirisa menwana - Dirisa sediko a dirisa diaffa a mabedi - Dulaa mo fatshe, o bopa sediko o tsilwaragane diaffa - Tsamaya mo sedikong se segolo, e dirlweng ka thapo, mo fatshe. - Tshameka motsahameko o barutwana ba dulang mo sedikong ba opela pina. <ul style="list-style-type: none"> o Morutwana a le mongwe o ema ka fa ntla ga sediko le go dikologa sediko a taboga a tshwere bolo ka diaffa. o Morutwana o tlhophha go baya bolo mo morago ga morutwana mongwe le mongwe yo o dutsereng mo sedikong. o Morutwana yo tlhophhweng o tshwanetse go tsholetsa bolo le go leka go latthelela morutwana yo mongwe ka bolo a ntse a taboga a potologa seciko go ya go dula mo lefelong le le se nang ope. o Fa bolo e ama morutwana yo o siang, morutwana yo o tshwanetse go ya go dula fa gare ga sediko, motsahameko o a tsweletia. <p>Dirisa dikgongnwa go ruta didiriswa tsa tekanothakoretharo</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Battla didiriswa tse di kgolokwe mo phaposing - Battla dipopego tse di emelang sediko. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgongnwa tsa tekanothakorepedi (2-D)</p> <p>Namune, apole, tafole, bolo, mabole, buka, lebokoso jalo</p>	Letsetsi 1	

Beke 9 Kitsiso	Nako e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditinwana tsa dipalo mo bekeng)	Dithissa-tshuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Setlhogo	Dintsha tsa tlhaloso		Letsetsi 1
3.1 Maemo, kitsiso le dipono	<p>Maemo a sediriswa se le sosi/pedi le kamamo go e nngwe Dikgopoloo di tshwana le go bapa le/fa gare-go akareditswe mmala Metshameko ya go dirisa mmele</p> <p>Morutabana o bitsLettelela barutwana go : le bararo</p> <p>O bontsha dikgopoloo go bapa le le fa gare ka go rulaganya barutwana ka thulaganyo e e farologaneng, a re:</p> <ul style="list-style-type: none"> - Ntobi o eme go bapa le Tiotto - Tumelo o eme fa gare ga Xolile le Ntobi <p>Tirwana o ka boelediwa le barutwana ba bangwe</p> <p>Morutabana o neela barutwana diboloko tsa go aga tsa mebala e e farologaneng le go ba naya ditaelo jaaka:</p> <ul style="list-style-type: none"> - Baya boloko e khibidu go bapa le boloko e serolvana - Baya boloko e botala jwa loapi fa gare ga boloko e khibidu le boloko e e serolvana <p>Dirisa dikgongnwa go ruta ka ga didiriswa tsa tekanothakoretharo</p> <p>O dirisa dikgessana tsa dinawa tsa mebala e e farologaneng(khibidu, botala jwa loapi,serolvana, mmala o o motala), naya barutwana taelo ya go:</p> <ul style="list-style-type: none"> - Baya kgetsana ya dinawa e e botala jwa loapi go bapa le kgetsana ya dinawa e serolvana. - Baya kgetsana ya dinawa e khibidu fa gare ga e botala jwa loapi le e serolvana <p>Tirwana e, e golaganngwa le serutwa sa dikgono tsa botshelo</p>	Dithissa-tshuto tse di atlegenesitsweng	Dikgessana tsa dinawa tsa mmala

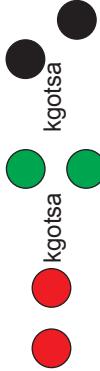
Beke 9 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditinwana tsa dipalo mo bekeng)	Setlhogo	Dinttha tsa thhaloso	Dithussa-thuto tse di attlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng	Letsetsi 1
3.2 Didiriswa tsa tekanothlakoretharo (3-D)	<ul style="list-style-type: none"> O rulaganya didiriswa tse di fetang di le pedi go tswa mo go tse di kgobokantsweng go tswa go nnye thata go ya go e tonna thata <p>Tasmaiso ya mmelle:</p> <p>Neela barutwana seloko ya go tshameka le go dira dibolo ka seloko</p> <ul style="list-style-type: none"> Mo dithopheng ba tshwanetse go rulaganya dibolo tsa seloko go tswa ka tse dinnye thata go ya gotse ditonna thata le tonna thata go ya go nnye thata <p>Dirisa dikgongnwa go ruta didiriswa tsa tekanothlakoretharo (3-D)</p> <p>Leloko la setlhophpha sengwe le sengwe o tshwanetse go batla sediriswa mo phaposing</p> <ul style="list-style-type: none"> Lelolela barutwana gore ba rulaganye didiriswa tse di tlhaolwang go tloga go nnye thata go ya go tonna thata mo dithopheng tsa bone <p>Morutabana o neela setlhophpha sengwe le sengwe buka ya dipalo tsa mogala</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> Gagola pampiri go tswa mo bukeng ya dipalo tsa mogala le go phutha pampiri go dira bolo mo dithopheng tsa bone Barutwana ba tshwanetse go bapisa gore ke bolo efe e leng tonna le e nnye thata <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothlakorepedi (2-D)</p> <ul style="list-style-type: none"> Naya barutwana pampiri ya ditshwantsho tse di tonna le tse dinnye Barutwana ba ka nma ba tshasa mmala wa dilo tse ditonna le tse dilo tse dinnye 					

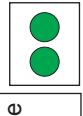
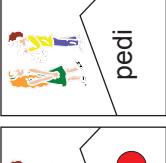
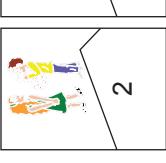
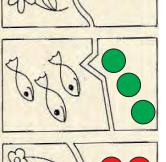
Beke 9 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 dittinwana tsa dipalo mo bekeng)	Boleele jwa nako jo bo lekanyeditsweng
Setlhogo	Dinttha tsa thhaloso	Dithussa-thuto tse di attlegenesitsweng
4.2 Boleele	<p>Itsise kgopoloka ga boleele jwa seemo (moleele le mokhutshwane, moleele thata le mokhutshwane thata, telele le khutshwane)</p> <p>Metshameko ya go dirisa mmelie</p> <ul style="list-style-type: none"> - Morutabana o bitsa barutwana go ba le bane le go botsa barutwana mo phaposing go thusa go di ruganya go tloga go telele go ya go khutshwane. - Lettelela barutwana go ithulaganya ka bone mo ditthopheng go tloga ka boleele go ya go mokhutshwane - Morutwana a le mongwe o ema ka mokotla wa gagwe go bapa le lobota fa maloko a mangwe a ditthophha ba ntse ba lekanya boleele ba dirisa diatla <p>Dirisa dikgongnwa go ruta didiriswa tsa tekanothakoretharo (3-D)</p> <p>.Morutabana o baya didiriswa tse di farologaneng mo tafoleng ya setlhophha sengwe le sengwe jaaka rula, pensie, dikerayone, diraba jalo jalo</p> <ul style="list-style-type: none"> - Tlhaola tsotihle tse di telele le tsotihle tse di khutsane - Barutwana ba tshwanetsi go rulaganya go tswa go telele go ya go khutsane <p>Tšhata ya bogodimo</p> <ul style="list-style-type: none"> - Morutabana o na le tšhata ya bogodimo e baakantsweng sentle mo leboteng go thala tshwanalanyo ya bogodimo jwa morutwana yo mongwe le yo mongwe - Dirisa dikarata tsa matshwao tsa barutwana go supetsa bogodimo jwa morutwana yo mongwe le yo mongwe mo tšhateng ya bogodimo . 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsetsi 1</p>  <p>Dithussa-thuto tse di attlegenesitsweng</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Tšhata ya bogodimo</p>  </div> <p>Dirula, kerayone, dpensele, diphimodi jalo jalo</p> <p>Lindo o na le diatla a le marataro</p> <p>Wandile o na le diatla a le 5</p>

BEKE 10	Tiriso ya beke ya 10 go fithelela makoa a tlhthaloganyo le kgotsa o tlhaola dikgoreletsi mo thutong.	Dithusathuto tse di attlenegesitsweng
Diteng tsa serutwa	Setlhogo	
Dipalo diopereishene le kamano	1.1 Go bala didiriswa	Fopholetsa go bala o boeletsa go filtha go 5 (Dipina tsa dipalo le go akaretsa diraeme go godisa kakanyo ya go bala)
		Lemoga dipalo mo trisong e tlwaelegileng sk dingwaga, kwadisa
		Tlhaloganya diplokemotaelano (s.k ka nako ya go ya tlwanaboithusito)
		Tlhaloganya kgolagano ya bongwe ka bongwe (tshate ya go ka nako ya go ja)
		Supa ditshwantsho tsa dipalo le dikarata tsekedimo tsa lerontho tse di akaretsang dipalo ya nthha
		Itse letshwaopalo 1
		Lemoga leinapalo nngwe
	1.6 Maano a go ratabolola dipalo	Dirisa didiniswa tse di kgonngwang
		Tlhalosa kakanyo ya gagwe ka mafoko le ka tsela ya go Bapisa kgotsa didiriswa tse di kgonngwang
Dipaterone tse di mo trisong	2.1 Dipaterone tsa Jeometeri	Supa dipaterone mo tikologong
		Kopoliola, atolosa le go tlhama dipaterone tsa gagwe

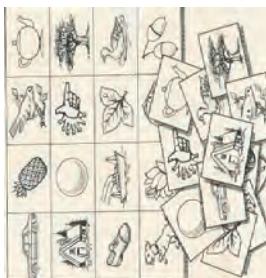
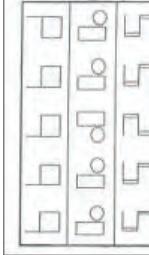
BEKE 10	Tiriso ya beke ya 10 go fithelela makoa a tlhaoa dikgoreletsi mo thutong.	Dithusathuto tse di attenegesitsweng
Diteng tsa serutwa	Setlhogo	
Boalo le Popego (Jeometer)	Maemo, kitsiso le dipono	<p>Itse kwa pele ga /mrago ga</p> <p>Itse mo godimo ga, tlase</p> <p>Itse mo teng le kwa ntle</p> <p>Itse godimo le kwa tlase</p> <p>Tlhaloganya dikakanyo: pele, mrago, pele le mrago</p>
	3.1	
	3.2	<p>Lemoga le go neela maina dikgolokwe</p> <p>Lemoga le go neela maina a mabokose</p> <p>Go aga dikarolo tse 6 tsamalepa</p> <p>Bontsha bokgoni jwa go farologanya gare ga didiriswa</p> <p>Ka lemoragopele, lemrago</p> <p>Supa le go lemoga khutionne</p> <p>Tlhophha le go lemoga sediko</p> <p>Tlhophha le go lemoga khutlotharo</p> <p>Tlhophha le go lemoga Khutionne</p> <p>Go lemoga gore mokgobokanyong ya didiriswa tse ke efe e kgolo, mnxe, kgolo thata, mnxe thata</p> <p>Didiriswa ka bogolo, tonna, mnxe</p> <p>Mmala o thwaegilieng, bonhibidu, serolwana botala jwa lapi</p> <p>Dipopego: sediko, khutlotharo, khutionne</p> <p>Didiriswa tse kgologang</p> <p>Didiriswa tse di relelang</p> <p>Lemoga mola wa tekano</p>
	3.3	
	3.4	
Tekanyo	Tekano	<p>Dirisa mafoko a tshwana le motshegare, bosigo, lesedio le lefifi, phakeala, thaparma, maitseboa go tlhalosa letsatsi</p> <p>Tlhommaganya ditiragalo tse di tswelelang mo botshelong jwa gagwe tsa letsatsi le letsatsi (Lenaneo la letsatsi le letsatsi)</p> <p>Supetsa temogo ya malatsi a beke, ditlha le maemo a bosa</p> <p>Itse letsatsi la gagwe la matsalo</p> <p>Farologanya magareng ga botelele, botelelyana, botelele thata, khutshwane, khutshwanenyane, bokhutshwane thata (Tshate ya bolele)</p>
	4.1	
	Nako	
	4.2	
	Bolele	
Tshedimosetso ya dipalo	Kgobokanya, tlhaola, thala, buisa le go emela tshedimosetso	Kgona go kgobokanya, tlhaola, thala, buisa le go emela didiriswa go ya ka sethaodi se le sengwe

KGWEDI-THARO 2 MOPHATO R			
Beko 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditzirwana tsa dipalo mo bekeng)	Dithussa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	Dintlhha tsa thaloso	Dithussa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Itsise bokao jwa palo 2 Go Motiotlo: bala didiriswa letsatsi le letsatsi go fittha ka 2. Bala go ya kwa pele le go ya morago go fittha ka 2. Balela kwa godimo o ipoelaetsa go tloga ka 1-7 Gatelela kgopololo ka ga “bbontsi” le “bonnye”. Opa diaitla gantsi.....EMA. Opa diaitla ganisinyana. Morutabana o opa diaitla go fittha ka 12 <p>Metshameko ya go dirisa mmele</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Bitsa barutwana le ba 2 kwa pele. Ba bale. - Bala ditlulo tse 2, ditafole jalo jalo. - Supa dikarolo tsu mmele tsu bobedi (pairs) jaaka matho,ditsebe,diatla,maoto,mangole ,magetta jalo jalo - Dira diletswa itswa mmele sekao opa diaitla gabedi, koka tlhogo gabedi, itaya leoto gabedi mo fashe,tiola gabedi jalo jalo. - Tsholetsa menwana e 2,diatla a 2,maoto a 2. 	<ul style="list-style-type: none"> Opela pina ya go bala o dirisa diishwantsho tse pedi tsa dinonyane.“ Two little Dickey birds” 	Letsetsi 1

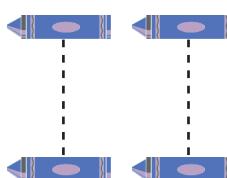
Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	Dintsha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
1.1 Bala didiriswa	<p>Dirisa dikgonngwa go ruta didiriswa tsa tekanothakoreharo (3-D)</p> <p>Letelela barutwana</p> <ul style="list-style-type: none"> - Supa didiriswa tse pedi tse di tshwanang mo phaposing sekao ditthako tse pedi, dikeryone tse pedi jalo jalo - Godisa temoso ka ga tshomarelo ya dipalo, o lettelele barutwana go paka dibadisi di le pedi kgotsa didiriswa tse dingwe tseo ka di dirisang ka ditsela tse di farologaneng sekao  <p>Dibadisi/didiriswa tse 2 di newe morutwana yo mongwe le yo mongwe</p> <ul style="list-style-type: none"> - Fa go balwa palo ya dibadisi/didiriswa ga go kgoreletswe ke bogolo kgotsa kemo kgotsa le fa di tshwana sekao : - Rulaganya ditalama di le 2, diphensele di le 2, dihula hupu di le 2, barutwana ba le 2 jalo jalo. - Di bale ka thulaganyo e e farologaneng sekao: di bale di adiwe, di bapile, mo moleng kgotsa di thathagantswe 		

Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
Sethogo	Dinthha tsa thaloso	<ul style="list-style-type: none"> • Itse letshwaopalo le go lemoga leinapalo le le akaretsang 2 Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi Letilela barutwana go <ul style="list-style-type: none"> - Bapisa dikarata tsekedimo tsa ditshwantsho ka ditshwantsho mo go tsone ka dikarata tsekedimo tse pedi ka marontho a mabedi mo go tsone. - Supetsa dikarata tsekedimo tse di kaediwang barutwana, tse di nang le ditshwantsho, tsa dipalo tse di thophilweng sekao ditlhako tse pedi, dikerryone tse pedi jalo. - Letilela barutwana go lebelela dipalo ya didiriswa e e tshwanang mo phaposing. - Supa dikarata tsekedimo tse di bontshiwang barutwana, ka dipalo tse di farologaneng tsa ditshwantsho mo go tsone. - Supa dikarata tsekedimo tse di bontshiwang barutwana ka letshwaopalo 2. - Lemoga dikarata tsekedimo tse di bontshiwang barutwana ka leinapalo. - Golaganya letshwaopalo 2 ka dipalo ya didiriswa le dipalo ya marontho. - Akaretsa palo 1 e e mo karateng e e bontshiwang le go letilela barutwana go supa palo 1 le 2 - Dira malepa/diphasele tsa dipalo le go letilela barutwana go di bapisa sekao. 	<p>Dikarata tsekedimo tsa dipalo tse di supetsang didiriswa tse pedi.</p> <p>Didiriswa mo pahaposing le motikologong.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Setshwantsho sa didiriswa tse pedi  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Setshwantsho sa didiriswa tse pedi  </div>	<p>Dikarata tsekedimo tse di bontshiwang ka ditshwantsho tse pedi, marontho, letshwaopalo le leinapalo</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Setshwantsho sa didiriswa tse pedi  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Setshwantsho sa didiriswa tse pedi  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Setshwantsho sa didiriswa tse pedi  </div>

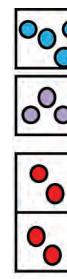
Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
3.2 Didiriswa tsa tekanothakoretharo (3-D) le	<ul style="list-style-type: none"> Tthalosa, tthaola le go bapisa didiriswa tsa dipopego tsa tekanothakoretharo (3-D) le dipopego tsa tekanothakorapedi (2-D) go ya ka go tshwana, le go farologana: -Tse di tshwanang le tse di farologaneng <p>Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Thlopha basetsana ba babedi o dirisa raeme ya go bala. - Barutwana ba bangwe ba supa gore basetsana ba ba biditsweng ba tshwana jang? - Thlopa mosimane le mosetsana o dirisa raeme ya go bala. - Barutwana ba bangwe ba supa gore mmele wa mosimane o farogana jang le wa mosimane. - Ka bobedi, morutwana a le mongwe o a ema ka mokgwa o o riling, yo mongwe o Bapisa ka mokgwa o a emeng ka teng - Morutwana o mongwe o ema ka diaitala mo godimo ga tlhogo, o ema ka leoto le le lengwe. Yo mongwe o bapisa maemo. - Thaola barutwana go ya bong, ba ba rweleng dithhako, ba ba rweleng diramphetshane, le ba ba sa rwalang dithhako. - Biletsa barutwana ba latelang kwa pele. <ul style="list-style-type: none"> o Basetsana le basimane ba ba apereng marukgwe, mosetsana yo o apereng mosese o Bana bothle ba ba rweleng dithhako, le ba bas a rwalang dithhako. - Botsa dipotsotso tse di tshwanang le "ke morutwana ofe yo o sa tshwaneng? Ke morutwana ofe yo o farologaneng?" 	Letsatsi 1	

Beke 11 KITISISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotse le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Sethogo	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Tthalosa, tlhopha le go bapisa didiriswa tsa tekanothakoretharo (3-D) le tekanothakoretharo (2-D) go ya ka go tshwana le go farologana. <p>Dirisa didiriswa go ruta tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Barutwana babedi ba itaya bolo mo fatshe: bolo e tonna le bolo e nnye - Barutwana ba supa gore dibolo di farologana ka tsela efe le gore di tshwana jang.. - Morutwana o mongwe o kgokolosa namune, yo mongwe o kgokolosa bolo. - Barutwana ba supa pharologanyo magareng ga bolo le namune le gore di tshwana jang. - Barutwana ba lebelela ditthako tsa basimane le diramphetshane tsa basetsana - Barutwana ba supa gore ditthako di farologana jang le gore di tshwana jang. - Barutwana ba bala didiriswa tse di tshwanang mo phaposing <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Neela dikarata tsekedimo papiso go tsweletsa ditshwano le dipharologanyo sekao. 	<p>Dithusa-thuto tse di atlegenesitsweng</p>  <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Lettsatsi 1</p>																																			
			<p>3.2 Didiрисwa tsa tekanothakoretharo (3-D) le</p> <p>3.3 Dipopego tsa tekanothakorapedi (2-D)</p>	<p>Dira karata tsekedimo ya gagwe ya papiso ya motshameko jaaka sekao se se fa tlase</p>  <p>Karata tsekedimo ya papiso ya motshameko</p> <p>Lettsatsi 1</p> <p>- Tsweteleta go ya go dikarata tsekedimo tse di sa bonweng fa ngwaga o tswetelete. Barutwana gab a tshwanela go buisa ditthaka sekao:</p> <table border="1"> <tr> <td>o</td><td>e</td><td>o</td><td>c</td><td>e</td><td>o</td><td>a</td> </tr> <tr> <td>d</td><td>d</td><td>b</td><td>d</td><td>d</td><td>a</td><td>d</td> </tr> <tr> <td>e</td><td>e</td><td>e</td><td>e</td><td>n</td><td>m</td><td>n</td> </tr> <tr> <td>r</td><td>r</td><td>r</td><td>r</td><td>r</td><td>h</td><td>h</td> </tr> <tr> <td>s</td><td>s</td><td>s</td><td>s</td><td>s</td><td>s</td><td>s</td> </tr> </table>	o	e	o	c	e	o	a	d	d	b	d	d	a	d	e	e	e	e	n	m	n	r	r	r	r	r	h	h	s	s	s	s	s	s	s
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Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Dintsha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.4 Thalosa, go bapisa le go rulaganya dipalo</p> <p>• Bapisa gore ke didiriswa dife tse pedi mo go tse di kgobokantsweng di “lekanang go” Kgotsa tse di “tshwanang” Metshameko ya go dirisa mmelle</p> <p>Letelela bautwana</p> <ul style="list-style-type: none"> - Godisa kgopolo ka ga tshwanang le farologaneng. - Bapisa menwana ya diaffa le menwana ya maoto. Le fa e tshwana ka palo, e bonagala e sa tshwane. - Bapisa menwana ya diaffa, ya maoto le matlho. Di thagelela di sa tshwane. Re na le palo e e tshwanang ya menwana ya diaffa le ya maoto, e 10 mme fela re na le matlho a le mabedi.. - Bapisa ditsebe, diaffa, maoto le dikgato. Di bonagala di sa tshwane, mme fela di tshwana ka palo. - Morutabana o thala didiko tse pedi mo fatshe kgotsa o bopa didiko ka thapo mo fatshe. O laelia barutwana go ikgaoganya ka dthopha tse di lekanang mo sedikong sengwe le sengwe. Bala palo ya barutwana mo sedikong se le sengwe. O thagisa fa palo ya barutwana e tshwana kgotsa e lekanana. 	Letsatsi 1		

Beke 11 KITSISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metso eo le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)		
Setlhogo	Dinttha tsa thaloso	Dithusa-thutto tse di atlegenesitsweng	Letsatsi 1
3.3 Dipopego tsa Tekanotlhakorepedi 2-D	<p>Drisa dikgongnwa go ruta ka ga didiriswa tsa tekanothakoretharo</p> <ul style="list-style-type: none"> - Godisa kgopolo ka ga tshwanang le farologane. - Baya sete ya matshwao a barutwana mo gare ga mmetshe. - Naya morutwana mongwe le mongwe karata tsekedimo ka letsatsi. Barutwana ba bapisa matshwao a bone le a a mo mmeisheng. - Baya setthophha sa didiriswa mo tafoleng le go di kgaoganya ka dithophha tse di lekanang (e nngwe ke ya gago, e nngwe ke ya me). <p>Dikai:</p> <ol style="list-style-type: none"> 1. Baya didiriswa tse pedi tsa mefuta e tshwanang sekao dikerayone, mo moleng mo tafoleng. Kopa morutwana a le mongwe go bapisa nngwe ya dikerayone tsa gagwe le tsa morutabana.(morutwana o thoka go tsaya dikerayone tse pedi, a di bapise le palo ya dikerayone tsa morutabana. Jaanong re na le palo ya dikerayone tse di lekanang. 2. Boeletsa thutiso e tshwanange, jaaka e fa godimo o dirisa didiriswa tse 4 le 6, gore barutwana ba kgone go tlhaloganya kgopolo ya "tshwana le lekanan" 3. Morutabana o baya diboloko tse 2 mo moleng mo tafoleng.O naya morutwana mongwe le mongwe boloko. Kopa barutwana go bapisa boloko ya mongwe le mongwe(Barutwana ba thoka go tsaya boloko e nngwe go e bapisa le diboloko tse pedi tsa morutabana) <p>"Jaanong yo mongwe le yo mongwe wa rona o na le diboloko tse 2. Re na le palo ya diboloko e lekanang".</p>  <p style="border: 1px solid black; padding: 2px;">Diboloko tsa morutabana</p>		Letsatsi 1

Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)		
Sethogo		Dintiha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng
1.4 Thalosa, go bapisa le go rulaganya dipalo	<ul style="list-style-type: none"> Rulaganya le go Bapisa didiriswa tse di kgobokantsweng o dirisa "ntsi go" <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha ka 2.</p> <p>Gateleia kgopolo ka ga "ntsi" le "nnye"</p> <p>Opa diatla gantsi.....EMA</p> <p>Opa diatla a gago ganny. Morutwana o opa diatla go fittha ka 2.</p> <p>Metshameko ya go dirisa mmelle</p> <p>Morutwana o Motlotlo gore ke tsefe tsaa didiriswa tse di kgobokantsweng tse di : "dintsi go feta ga",</p> <p>Letelela morutwana go</p> <ul style="list-style-type: none"> Bala mathlo a bone le menwana ya bone. O botisa potso "Ke sefe tse dintsi go feta go" Bontsha menwana e mebedi mo seatleng se sengwe le monwana o le mongwe mo seatleng se sengwe. "Ke seatla sefe se se nang le menwana e mentsi e bontshitsweng?" ThlopLetelela barutwana go : le 3 o dirisa raeme ya go balela kwa godimo. Ba kgobokanye mo dithopheng tsa bo 2 le 1.   	Bolele jwa nako jo bo lekanyeditsweng	

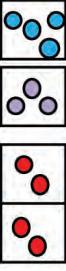
Beke 11 KITISO	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng Bolele jwa nako jo bo lekanyeditsweng
Sethogo	Thhalosa, go bapisa le go rulaganya dipalo	<p>Dintitha tsa thhaloso</p> <p>Dirisa dikgonongwa go ruta ka ga didiriswa tsa tekanothakoretharo</p> <p>- Baya dipara tse pedi tsa dikere, Dibadisi te 3 le dikerayone tse 4 mo tafoleng. Bala didiriswa mo setlhopheng sengwe le sengwe</p>    <p>- Botsa potso e tshwana jaaka "ka setlhophpha sefe se se nang le didiriswa tse dints!" Ke setlhophpha sefe se se nang le didiriswa tse di fetang tsa dikere?"</p> <p>- Baya didiriswa tse di farologanene (dikgoropa,maje dikhurumelo jalo jalo) mo tafoleng. Di ihaole ka ditlhophpha (dikhurumelo tsotthe mmogo) bala dipalo ya didiriswa mo setlhopheng sengwe le sengwe le go tlotta gore ke setlhophpha sefe se didiriswa di leng dintsi, dinnye. Simolola ka didiriswa tsa dipalo tse dinnye.</p> <p>- Tsenyeleriso: Barutwana ba newe ditshelo ka nako ya go tshameka ka meisie nako ya go tshameka ka mmu, ba neye barutwana ditshono tsa go itemogela ka dikgopolo tse di tshwanang jaaka ntsi go,nye go le go lekana le.</p> <p>Dirisa dikgonongwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi (2-D) kgotsa ditshwantsho</p> <p>- Lettelela barutwana go bapisa ditshwantsho le dikarata tsekedimo tsa marontho. Supa dikarata tsekedimo tse di fetang nomoro ya didiriswa e morutabana e neileng barutwana.sekao.</p> <p>- Morutabana a re: Batla karata tsekedimo e e nang le ditshwantsho tse di fetang tse 2?</p> <p>- Bapisa dikarata tsekedimo le dipalo e e tshwanang ya ya diidriswa kgotsa dibadisi. (paka dibadisi mo godimo ga karata tsekedimo e nang le dipalo ya ditshwantsho)</p>   

Bekke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e e nngwe ya phaposi e baakantsweng e kaewa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 dilitrwana tsa dipalo mo bekeng)	Dinthha tsa thhaloso	Bolele jwa nako jo bo lekanyeditsweng
Sethogo			Letsatsi 1
1.1 Bala dipalo	<ul style="list-style-type: none"> Lemoga le go supa letshwaopalo le leinapalo e e akaretsang palo 2 <p>Motlotlo: Bala didiriswa go fittha go 2 letsatsi le letsatsi. Balela go ya kwa pele le go ya kwa morago go fittha ka 2. Balela kwa godimo o ipoeletsia 1-7</p> <p>Gatelela dikgopollo ka ga “bontsi” le “bonnye”.</p> <p>Opa diatla gantsi.....EMA</p> <p>Opa diatla a gago ganny. Morutabana o opa diatla go fittha ka 2.</p>	<p>Dithusa-thtuto tse di attegenesitsweng</p> <p>Dipina tsa dipalo le diraeme</p>	
Metsameko ya go dirisa mmele	<p>Letelela barutwana</p> <ul style="list-style-type: none"> - Lathela bolo mo fatshe ganwe, ka mantse a mangwe ga 1 - Lathela bolo gabedi mo fatshe, ka mantswe a mangwe ga 2. - Thala pedi mo fatshe le go lettelela barutwana go tsamaya ka ba bopapedi. - Thala letshwao pedi mo mmung, mo moyeng, mo mmetsheng jalo jalo. - Bopa palo 2 ka seloko ya go tshameka. - Battla ditsala tse 2 ba ba rweleeng dithhako. 	<p>Dibolo</p> <p>Seloko ya go tshameka</p>	
Dirisa dikgongngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)	<p>Letelela barutwana</p> <ul style="list-style-type: none"> - Sela padisi e le nngwe. - Sela dibadisi tse pedi 	<p>Dibadisi</p>	

Bekke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e e nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	Dinthha tsa thhaloso		
1.1 Bala dipalo	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikgongngwa tsa tekanothakorepedi (2-D)</p> <p>Lettelela barutwana</p> <ul style="list-style-type: none"> - Supa karata tsekedimo ya setshwantsho le go di golaganya le palo e e tshwanang ya didiriswa. - Supa karata tsekedimo e bontshiwang e tshwailwe ka marontho a le mabedi, o e golaganya le palo e e tshwanang ya didiriswa. - Supa letshwaopalo le leinapalo mo dikarateng tse di bontshiwang le go di golaganya le palo e e tshwanang ya Dibadisi. - Supa letshwaopalo 2 mo setshwantshong se se neilweng ke morutabana. - O bona kae letshwao 2 mo phaposing. - Kgaoganya barutwana mo phaposing. Naya tsthono ya go tshameka ditomino tsa dipalo mo dithopheng. 	<p>Karata tsekedimo e e supetsang ditshwantsho, marontho, letshwaopalo le leinapalo pedi</p> <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">Setshwantsho sa didirsya tse pedi</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">pedi</div> </div> <p>Dibadisi</p> <p>Ditshwantsho mo letshwaopalo le tlhagelelang teng</p>	

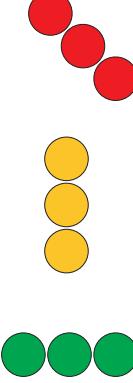
Bekke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metso ts a dipalo mo bekeng)	Dinthha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.7 Tlhakanyo le Tloso</p> <p>Metshameko ya go dirisa mmele</p> <p>Dikai:</p> <ol style="list-style-type: none"> 1. Morutabana o biletsha morutwana a le 1 kwa pele. Barutwana ba a ba bala. Morutabana o bitsa yo mongwe a le 1, o botsha barutwana gore ba baka bothie?"1 le 1 → 2 (Morutabana a re 1 le 1 e dira 2) 2. Morutabana o tlosa setilo se le 1. O tlosa gape 1. Go na le ditulo di le kae? 1 le 1 → 2. 3. Morutabana o supetsa menwana e 2. O Motlotlo a re balang menwana ya me. Fa ke fittha monwana o le mongwe, o bona menwana e le kae? Tlosa 1 mo go 2 → 1 4. Morutabana o supetsa menwana e 2. Le gore:bala menwana ya me. Fa ke sa ntshé menwana, o bona menwana e le kae? 2 tlosa 0 → 2 5. Go na le ngwana a le mongwe kwa gae. O mongwe o tla go tshameka. Go na le bana ba le ba kae jaanong? 6. Go na le bana ba le babedi mo tafoleng. Ngwana mongwe le mongwe o batla setilo sa gagwe. Re tlhoka ditulo di le kae? <p>Dirisa dikgongnwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dikai: (Dirisa Dibadisi)</p> <ol style="list-style-type: none"> 1. Fa o na le kuku e le nngwe, mama o go nya kuku e nngwe. O tlha nna le dikuku tse kae? 2. Morutabana o na le dibadisi di le pedi mo seatleng se le sengwe, mo seatleng se sengwe ga gona Dibadisi. O na le Dibadisi di le kae tsothe? 3. Tlotlo o na le dibolo tse pedi, bolo e le nngwe e wela fa fatshe.Tlotlo o setse ka dibolo tse kae? 4. Fa o na le diboloko tsa 2, o naya tsala ya gago boloko e le nnngwe, o na le diboloko di le kae? 	<p>Dithusa-thutho tse di atlegenesitsweng</p> <p>Dipina tsa dipalo le diraeme</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>

Beke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditzirwana tsa dipalo mo bekeng)	Dinthha tsa thhaloso	Dithusa-thtuto tse di attegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.4 Thhalosa, go bapisa le go rulaganya dipalo	<ul style="list-style-type: none"> Rulaganaya le go Bapisa didiriswa tse di kgobokantsweng o dirisa "nnye go" <p>Motlotlo: Bala didiriswa go fittha ka 2 letsatsi le letsatsi. Gateleia digopoloo ka ga "bonis" le "bonnye" Opa diattha gantsi.....EMA Opa diattha a gago ganny. Morutabana o opa diattha go fittha ka 2.</p>	<p>Dipina ka ga dipalo le diraeme</p>	<p>Pina : "lhogo magetla, mangole le menwana"</p>	<p>Dithapo tse nne ka palo ya dibaga tse di farologaneng.</p>

Bekke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 dithirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	Dinthha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Letsatsi 1
1.4 Thhalosa, go bapisa le go rulaganya dipalo	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Lettelela barutwana go bapisa setshwantsho le karata tsekedimo ya lerontho. Supa dikarata tsekedimo ise dinisi go feta le tse dinny go palo e e neilweng ke morutabana sekao ke karata tsekedimo efe e leng ntsi go feta 2? - Ke karata tsekedimo efe e e nnye go 4?   <ul style="list-style-type: none"> • Gatelela tshwantshiso ya didiriswa tse pedi tse di neetsweng tse di kgobokantsweng o dirise: - Ntsi go, - Nnye go <p>Motlotlo: Bala didiriswa go fittha ka 2 letsatsi le letsatsi Balela kwa godimo o ipoletsatsa 1-7</p> <p>Gatelela dikgopololo ka ga “ntsi” le “nnye”</p> <p>Opa diaitala gantsi.....EMA</p> <p>Opa diaitala a gago ganny. Morutabana o opa diaitala go fittha ka 2.</p> <p>Lettelela barutwana go supa gore:</p> <ul style="list-style-type: none"> - Ke thapo efe e nang le dibaga tse dinnye? - Ke thapo efe e nang le dibaga tse dints! - Ke thapo efe e nang le dibaga tse dints go na le tse 2? - Ke thapo efe e nang le dibaga tse dinnye ka tse 3 ? <p>Tsenyeletsisa botswereletsi jwa pono mo barutwana ba segololang dipopego tse di nang le mahuti mo gare, le mathare ja lo jalo.</p>	<p>Bapisa setshwantsho sa gago le karata tsekedimo ya setse ya marontho</p>	

Bekke 12 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutahana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 diltirwana tsa dipalo mo bekeng)	
Sethogo	<p>Dinthha tsa thaloso</p> <p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi (2-D)kgotsa ditshwantsho</p> <p>Bayu setlhophpha sa didiriswa mo tafoleng, o di kgagqanye ka:</p> <ul style="list-style-type: none"> - Dithophpha tse di lekanang(e nngwe key a me, e nngwe key a gago) - Dithophpha tse di sa lekaneng(bapisa go bona gore ke setlhophpha sefe se se nang le didiriswa tse dintsisi/se dimnye le tse di lekanang) - Fa go na le ditlhophpha tse pedi tse di sa lekaneng, re tshwanetse go dira eng gore di lekane/di Tshwane? <p>3.2 Didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dirisa dilkgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)le dipopego</p> <p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakoretharo (2-D)</p> <p>Letelelia barutwana:</p> <ul style="list-style-type: none"> - Tlhaola didiriswa tse di farologaneng go ya ka bogolo. - Tlhaola le go Bapisa diboloko tse di farologaneng go ya ka bogolo (tonna le nyenyane). - Tlhaola diboloko go ya ka dipopego tse di tshwananang <p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi (2-D)kgotsa ditshwantsho</p> <p>Kgoganya barutwana ka dithophpha di le tlhano. Naya setlhophpha sengwe le sengwe dipopego tse di farologaneng.</p> <ul style="list-style-type: none"> - Letlelela barutwana go tlhaola dipopego go ya ka: <ul style="list-style-type: none"> o Mmala o Dipopego (le fLetlelela barutwana go : sa itse dipopego). o Bogolo - Dirisa dikarata tsekedimo tsa motshameko tse di tsweletsang mmala, bogolo le dipopego 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thutho tse di atlegenesitsweng</p> <p>Letsatsi 1</p> <p>Didiriswa tse di farologaneng tse ditonna le tse dimnye mo phaposing sekao bolo, koloj ya go tshameka, boloko ya Lego jalo.</p> <p>Diboloko tsa go aga ;le diboloko tsa bogolo jo bo farologaneng</p> <p>Dipopego tsa Logi kgotsa mmala mongwe le mongwe o o leng teng</p>
1.4 Thalosa, go bapisale go rulaganya dipalo	<p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi (2-D)kgotsa ditshwantsho</p> <p>Bayu setlhophpha sa didiriswa mo tafoleng, o di kgagqanye ka:</p> <ul style="list-style-type: none"> - Dithophpha tse di lekanang(e nngwe key a me, e nngwe key a gago) - Dithophpha tse di sa lekaneng(bapisa go bona gore ke setlhophpha sefe se se nang le didiriswa tse dintsisi/se dimnye le tse di lekanang) - Fa go na le ditlhophpha tse pedi tse di sa lekaneng, re tshwanetse go dira eng gore di lekane/di Tshwane? <p>3.2 Didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dirisa dilkgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)le dipopego</p> <p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakoretharo (2-D)</p> <p>Letelelia barutwana:</p> <ul style="list-style-type: none"> - Tlhaola didiriswa tse di farologaneng go ya ka bogolo. - Tlhaola le go Bapisa diboloko tse di farologaneng go ya ka bogolo (tonna le nyenyane). - Tlhaola diboloko go ya ka dipopego tse di tshwananang <p>Dirisa dilkgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi (2-D)kgotsa ditshwantsho</p> <p>Kgoganya barutwana ka dithophpha di le tlhano. Naya setlhophpha sengwe le sengwe dipopego tse di farologaneng.</p> <ul style="list-style-type: none"> - Letlelela barutwana go tlhaola dipopego go ya ka: <ul style="list-style-type: none"> o Mmala o Dipopego (le fLetlelela barutwana go : sa itse dipopego). o Bogolo - Dirisa dikarata tsekedimo tsa motshameko tse di tsweletsang mmala, bogolo le dipopego 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thutho tse di atlegenesitsweng</p> <p>Letsatsi 1</p> <p>Didiriswa tse di farologaneng tse ditonna le tse dimnye mo phaposing sekao bolo, koloj ya go tshameka, boloko ya Lego jalo.</p> <p>Diboloko tsa go aga ;le diboloko tsa bogolo jo bo farologaneng</p> <p>Dipopego tsa Logi kgotsa mmala mongwe le mongwe o o leng teng</p>

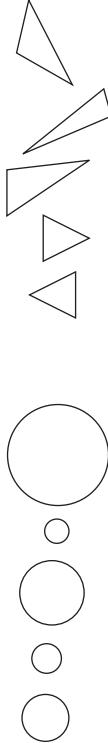
<p>Bekete 13</p> <p>Nako e e tshitsintseng y a go ruta : Tirwana e le nngwe y a phaposi e e baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsos 30 ka letsatsi (± 5 ka bete)</p>	<p>Sethogo</p> <p>1.1 Bala dibadisi/ didiriswa</p> <ul style="list-style-type: none"> Itsise bokao jwa palo 3. <p>Molomo: Bala didiriswa letsatsi le letsatsi go fittha go 3.</p> <p>Bala kwa pele le kwa morago go fifyha go 3.</p> <p>Go balela kwa godimo o boeletsa go tswa 1-7</p> <p>Kgatelelo ya kakanyo “bontsi” le “bonnye” .</p> <p>Opa diatla gantsi....EMA..</p> <p>Opa diatla gannye fela. Morutabana o opa diatla go fittha go 3.</p>	<p>Dintitha tsa thaloso</p> <p>Dipina tsa dipalo le diraeme.</p>	<p>Didiriswa tse di tshitsintseng</p> <p>Barutwana kabon bona. Dibadisi</p> <p>Metsnameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Morutabana o tshameka mmimo kgotsa meropa. Fa mmimo o ema barutwana ba thama dithlopha tsa botharo. Botsa barutwana ba masika a bona ba leng ba bararo. Barutwana ba ema mo moleng, Morutabana o a botsa “ kemang wa boraro mo moleng? ” Arganya barutwana ka dithlopha tsa ± 5 Lettelela barutwana go : : Gagola ditsebe lse tharo mo bukeng ya mogala ya bogolololo. Menaganya ditsebe tse tharo mo dibolong tse tharo mme di kitlane mo go ka kgonagalang. Go oketsa bokao jo bo tlhamaletseng dirisa letsogo le le feketsang. Barutwana ba ka duila letsogo le le sa feketsang. Bula dibolo mme o di menaganye gape Bala dibolo fa tse tharo di fetsa go menaganwa Fa o ntse o bala mo dibolong tse tharo mo baseketeteng e e beilweng mo gare ga setlhophha. <p>Tirwana e e ka golaganngwa ka Thuto ya ikatisdo ya mmele mo Dikgono tsa Botshelo</p>
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<p>Beket 13</p> <p>Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsotso 30 ka letsatsi (± 5 ka bete)</p>	<p>Sethogo</p> <p>1.1 Bala dibadisi/ didiriswa</p>	<p>Didiriswa tsa tlhakoretharo tsa tse di kgongngwang: Letelela barutwana go: Supa didiriswa tse 3 mo phaposing</p> <ul style="list-style-type: none"> - Tsholetsa menwana e 3 - Baya didiriswa tse 3 mo tafoleng. Barutwana tla ka bongwe mo tafoleng go tla go bala didiriswa. Barutwana ba kgoma didiriswa fa ba ntse ba di bala, Boeletska ka didiriswa tse dingwe. - Thabolola temogo ya ts homarelo ya dipalo ka go Letelela barutwana go paka dibadisi tse tharo kgotsa didiriswa tse dingwe ka ditsela tse di farologaneng sekao. 	<p>Didiriswa tse di tshitsintsweng</p> <p>Bolelele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p>
<p>Dirisa didiriswa tse dikgongngwang tsa popegotekatekanothlhakorepedi kgotsa setshtwantsho</p> <ul style="list-style-type: none"> - Supetsa setshtwantsho sa pitsa ya maoto a mararo. - Bala maoto . - Letelela barutwana ba nagane ka sengwe sa maoto a mararo. - Supetsa karata tsekedimo ya setshtwantsho sa didiriswa tsa 3. Barutwana ba bala dipalo tse di tsamaisanang le di badisi. - Dira gape jalo ka dikarata tsekedimo tsa marontho. - Barutwana ba bapisa dikarata tsekedimo tsa marontho dikarata tsekedimo tsa ditshtwantsho. 	<p>Didiriswa tse 3 tsatshwantsho</p> 	<p>Didiriswa tse 3 tsatshwantsho</p> <p>Dikarata tsekedimo tsa ditshwantsho Dikarata tsekedimo tsa marontho Dibadisi</p>	

Beke 13	Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsos 30 ka letsatsi (± 5 ka beke)				
Sethogo	<p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Itse matshwaopalo le go lemoga mainapalo a akaretsang palo ya 3 Molomoi:Bala didiriswa tsa letsatsi le letsatsi go fittha go 3 Baleia kwa pele le kwa morago go fittha go 3 Gatelela kakanyo ya “bontsi” le “bonnye”. Opa diatla a gago gantsi....EMA. Opa diatla gammeyanye. Morutabana o opa diatla ga 3. Dirisa didiriswa tse dikgongwang tsa tlakoretharo <ul style="list-style-type: none"> Neela morutwana mongwe le mongwe dikhulu tse 3 Morutabana o supetsa lerontho, setshwantsho, letshwao kgotsa karata tsekedimo ya e e akaretsang dipalo leinapalo 1 - 3. Barutwana ba bala dipalo tse di totobaditsweng le go di bayo dipalo tsona tse (sa dikhulu mo menwaneng ya bona 	<p>Didiriswa tse di tshitsintsweng</p> <p>Dikhulu Karata tsekedimo ya dipalo ee e akaretsang 1-3</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa didiriswa 3</td> <td style="text-align: center;">3</td> <td style="text-align: center;">tharo</td> </tr> </table> <p>Bolelele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p>	Setshwantsho sa didiriswa 3	3	tharo
Setshwantsho sa didiriswa 3	3	tharo			
Itse matshwaopalo lego lemoga mainapalo	<ul style="list-style-type: none"> Itse matshwaopalo le go lemoga mainapalo a akaretsang palo ya 3 Molomoi:Bala didiriswa tsa letsatsi le letsatsi go fittha go 3 Baleia kwa pele le kwa morago go fittha go 3 Gatelela kakanyo ya “bontsi” le “bonnye”. Opa diatla a gago gantsi....EMA. Opa diatla gammeyanye. Morutabana o opa diatla ga 3. Dirisa didiriswa tse dikgongwang tsa tlakoretharo <ul style="list-style-type: none"> Neela morutwana mongwe le mongwe dikhulu tse 3 Morutabana o supetsa lerontho, setshwantsho, letshwao kgotsa karata tsekedimo ya e e akaretsang dipalo leinapalo 1 - 3. Barutwana ba bala dipalo tse di totobaditsweng le go di bayo dipalo tsona tse (sa dikhulu mo menwaneng ya bona <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikgongngwa tsa tekanothakorepedi (2-D) Letielela barutwana go: <ul style="list-style-type: none"> Supa dikarata tsekedimo tse di nang leditshwantsho tsa dipalo tse di faroganeng mo go tsona.. Supa dikarata tsekedimo tse di nang le matshwaopalo a 3. Gokaganya letshwaopalo la 3 le palo ya didiriswa le palo ya marontho. Gokaganya leinapalo le matshwaopalo le dikarata tsekedimo ya dipalo tsa marontho a 3 Neela morutwana mongwe le mongwe karata tsekedimo ya dipalo tse di akaretsang dipalo tsa 1-3.Morutabana o tsholetska karata tsekedimo ya marontho kgotsa ya setshwantsho.Barutwana ba tsholetska karata tsekedimo ya dipalo e tshwarang. </p>	<p>Didiriswa tse di nang le le ditshwantsho tsa dipalo tse di faroganeng mo go ngwe le ngwe.</p> <p>Dikarata tsekedimo ka matshwaopalo a 3 Dikarata tsekedimo tse di tshvailweng ka marontho a 3</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Setshwantsho sa didiriswa 3</td> <td style="text-align: center;">3</td> <td style="text-align: center;">tharo</td> </tr> </table>	Setshwantsho sa didiriswa 3	3	tharo
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Beke 13		<p>Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsso 30 ka letsatsi (±5 ditterwana tsa dipalo tse 5 ka beke)</p>
Setlhogo		<p>Dintsha tsa thaloso</p> <p>1.7 Thakanyo le Tlosso</p> <ul style="list-style-type: none"> Rarabolola ka molomo dipalo tse di kallweng tsa go tlhakanya le go tlosa ka tharololo ya go fitlha go 3. <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fitlha go 3. Bala kwa pele le kwa morago go fitlha go 3.</p> <p>Metshameko ya go dirisa mmele</p> <p>Sekao:</p> <ol style="list-style-type: none"> Morutabana o biletsha bana ba babedi kwa pele. Barutwana ba a ba bala. 2 le 1 → 3. (Morutabana a re: 2 le 1 e dira 3) Morutabana o pakolola ditluto tse 3. Ga a oketse gape. Go na le ditluto di le kae jaanong? 3 le 0 → 3. Morutabana o pakolola ditluto tse 3.O tlossa setilo se le 1.Go setse tse kae jaanong? 3 tlosa1 → 2.(3 le 1di go naya 3) Morutabana o biletsha barutwana ba le 3 kwa pele. O a ba bala. O busa barutwana ba le 2 kwa morago. Go setse barutwana ba le kae? 3 tlosa 2→1 <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgongwa tsa tekanothakorepedi (2-D)</p> <p>Naya morutwana mongwe le mongwe dibadisi di le 3. Fa morutwana a ntse a Motlotlo kgang khutswe barutwana ba paka dibadisi...</p> <p>Dikao</p> <ol style="list-style-type: none"> Anne o na le dinamune tse 2 Peter o mo naya e nngwe e le 1.Anne o na le dinamune di kae jaanong? 2 le 1→3 (Morutabana a re: 2 le 1 di go naya 3). Go na le lethare le le 1 mo setlhareng le mathare a mangwe a 2 a a golang.Go na le mathare a le kae mo setlhareng jaanong? 1le 2→3. <p>Dikao</p> <ol style="list-style-type: none"> Tshwene e na le dipanana tse 3 e ja e le 1.E na le dipanana tse kae tse di setseng? 3 tlosa 2→1. Go na le diapole tse pedi tse di matute mo setlhareng sa diapole. Apole e 1 e wa mo setlhareng. Go setse diapole tse kae mo setlhareng? 2 tlosa 1 ke →1.
		<p>Bolelele jwa nako jo bo lekanyeditsweng</p> <p>Didiriswa tse di tshitsintsweng</p> <p>Letsatsi 1</p>

Beke 13	Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi ee baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsos 30 ka letsatsi (± 5 ka bete)		
Sethogo	Dintiha tsa thaloso	Didiriswa tse di tshitsintsweng	Bolelele jwa nako jo bo lekanyeditsweng
2.1 Dipaterone tsa Jeometeri	<ul style="list-style-type: none"> Tihama dipaterone tse di boelediwang tsa gagwe a dirisa didiriswa tsatihakorepedi own repeating patterns using 2 objects <p>Metsameko ya go dirisa mmeli</p> <p>Barutwana ba dula mo sedikong. Ba opela dipaterone tsa mafoko</p> <p>Sekao :</p> <p>letsatsi, loapi, letsatsi , Loapi dipanana, apole , pere, dipanana, apole, pere.</p> <p>Susan, John, Abby, Susan, John, Abby</p> <p>khibidu, botala jwa loapi, botala jwa loapi, , botala jwa loapi. botala jwa loapi e</p> <p>Waka, waka, eh, eh, waka, eh, eh</p> <p>Dirisa didiriswa tse dikgongwang tsa thakoretharo (2-D)</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> Kgobokanya didiriswa tse di tshwanang mo phaposing sk dikerayone tse 3 Kgobokanya gape didiriswa tse 3 tse di tshwanang mo phaposing sekao diboloko tsa lego Barutwana ba ithamela dipaterone tsa bona ba dirisa didiriswa tse pedi sekao : Kerayone e le nngwe, boloko e le nngwe ya lego, kerayone e le nngwe Dikerayone tse pedi, boloko e le nngwe ya lego, dikerayone tse pedi, boloko e le nngwe ya lego.... Letelela barutwana go tihama dipaterone ka ditsela tse di farologaneng Ba faapanya didiriswa tsa bona le ditsala mme ba boelsetse tiro eo 	<p>Letatsi 1</p>	

<p>Beke 13</p> <p>Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi ee baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsos 30 ka letsatsi (± 5 ka bete)</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
<p>Sethogo</p> <p>3.3 Dipopegotekano thakorepedi (2-D)</p> <p>Lemoga, tlhopha le go neela dipopego tekano thakorepedi (2-D) le ditshwantsho mo phaposing</p> <ul style="list-style-type: none"> - Khutlotharo <p>Thala, kgotsa dirisa thapo go tlhama thadiso ya popego e kgolo ya khutlotharo</p> <p>Letelela barutwana go ::</p> <ul style="list-style-type: none"> - Dikologa popego o lebelsetse dipopego tsa khutlotharo.Fa ba ntse ba tsamaya Letelela barutwana go : re: "Ke tsamaya fa thoko ga khutlotharo". Nngwe, pedi, mathakore a mararo kgotsa nngwe, pedi, dikhutlo tse tharo(sekhutlo) - Morutwabana o supa gore khutlotharo e na le mathakore a mararo. - Thala khutlotharo mo moweng kgotsa mo mnung - Bopa khutlotharo ka mmopha - Dirisa didiriswa tse dikgongnwang tsa popegotekano thakorepedi kgotsa setshwantsho <p>Letelela barutwana go ::</p> <ul style="list-style-type: none"> - Lemoga le go supa didiriswa mo phaposing tse di nang le popego ya khutlotharo - Lemoga le go supa didiriswa tsa tlholego tse di nang le dipopego tsa khutlotharo - Baya diidiko tsa bogolo jo bo farologaneng le khutlotharo mo kgritsaneng ya feely. Supa khutlotharo mo dipopegong tse dingwe. 	<p>Didiriswa tse di tshitsintsweng</p> <p>Didiriswa tse di tshitsintsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letatsi 1</p> 

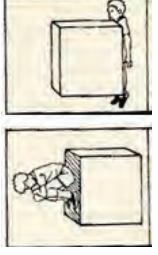
Beke 13 Nako e e tshitsintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) of ± Metsotsos 30 ka letsetsi (± 5 ka bete)	Sethogo 3.3 Dipopegotekano thakorepedi (2-D)	<p>Dintsha tsa thaloso</p> <p>Tlhaola didiriswa tsa tlhakoretharo le dipopegotekano tlhakorepedi</p> <ul style="list-style-type: none"> - Thaola didiriswa tse di farologaneng go ya ka popego le mmala - Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Supa popego ya khutlotharo mo ditshwantshong. - Bapisa khutlotharo mo karolwaneng ya pampiri - Kopolola khutlotharo go tswa mo karateng e e neetsweng. - Bapisa mosako mo didikong tsothe mo papetlaneng - Dira ditshwantsho ka go dirisa dikhutlotharo ka nako ya botswereishi jwa pono - Tshameka motshameko wa dikarata tsekedimo o o oketsang kgatelelo ya dipopego <p>Ditshwantsho tse e leng gore dikhutlotharo di ka supiwa</p> <p>Dikarata tsekedimo tsa motshameko tse di nonotshang temogo ya dipopego jaaka 'Go na le eng mo khutlonneng' Dipopego tsa Logi jj</p>
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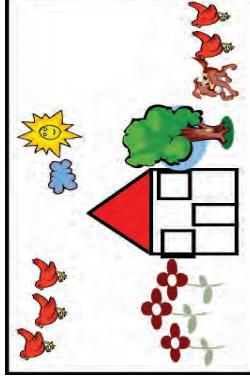
Beke 14 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsos e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintsha tsa thaloso	Boleele jwa nako jo bo lekanyeditsweng	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala dipalo	<ul style="list-style-type: none"> Gatelela kitso e amogetsweng e akaretsang palo 3 <p>Motlotlo: Bala didiriswa go fitlha ka 3 letsatsi le letsatsi. Balela kwa pele le kwa morago go fitlha ka 3. Balela kwa godimo a ipoiletsa 1-7</p> <p>Gatelela dikgopololo ka ga “bontsi” le “bonnye” .</p> <p>Opa diatla gantsi.....EMA</p> <p>Opa diatla a gago gannyne. Morutabana o opa diatla go fitlha ka 3.</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tsa dipalo le diraeme.</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tsa dipalo le diraeme.</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p>

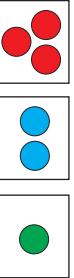
Beke 14 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsos e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Rarabolola dipalo tsa mafoko ka go Motlotlo (kgang khutse e e nang le dipalo) le go thalosa ditharabololo tsa dipalo tse di akaretsang palo 3 <p>Motlotlo: Bala didiriswa go fitilha ka ka palo 3 letsatsi le letsatsi.</p> <p>Balela kwa pele le kwa morago go fitilha ka 3.</p> <p>Metsameko ya go dirisa mmele</p> <p>Dikai:</p> <ol style="list-style-type: none"> Morutabana o bitsa barutwana ba le babedi kwa mmetsheng, a bo a bitsa morutwana a le mongwe. Morutabana o biditse barutwana ba le bakae go ya kwa mmetsheng? Go na le barutwana ba le bararo. Ngwana mongwe le mongwe o batta kerayone ya gagwe. Re tlhoka dikerayone di le kae? Bana ba le bararo ba ema mmogo. O mongwe o tswa mo phaposing. Go setse ba le kae? <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dikai:</p> <ol style="list-style-type: none"> Morutabana o baya dibadisi tse 3 mo tafoleng. O tsaya dibadisi tse 2. Go setse dibadisi di le kae mo tafoleng? Morutabana a re, fa o tsaya 1 go tswa mo go 3 go sala 2 Pinky o na le dikatse tse 2, Jabu o mo naya katse e le 1. Pinky o na le dikatse di kae tsotthe? 1 le 2 → 3. Morutabana a re 1 le 2 di go naya 3. Fa katse e le nngwe e na le mogatla o le 1, dikatse tse tharo din ale megattia e le kae yothne? 1 le 1 le 1 → 3
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Beke 14 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsos e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Dintsha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng Letsatsi 1
2.1 Dipaterone tsa Jeometeri	<ul style="list-style-type: none"> • Feleletsa paterone e e neetsweng ka didiriswa di le 2 <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Lettelela barutwana go kopisa paterone e diragadiwang sekao tlola, tlola, tlola, tlola - Barutwana ba feleletsa paterone ba dirisa mebele ya bone sekao ba eme go bapa ba fapaanya diaita mo godimo ga tlhogo, diaita mo lethekeng, diaita mo tlhogong..... <p>Dirisa dikgonngwa go ruta ka ga dipopego tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Lettelela barutwana go kopisa paterone e dirilweng ka didiriswa sekao sebagaa, sebagaa, letlhokwa, sebagaa, sebagaa, letlhokwa..... <p>Dirisa dikgonngwa tse di halofo go ruta ka ga dipopego tsa tekanothakorepedi kgotsa ditshwantsho</p> <ul style="list-style-type: none"> - Morutabana o neela barutwana ditshwantsho tse di segolotsweng tsu didiriswa tse di tshwanang (segolola ditshwantsho ka nako ya tirwana botsweretsi jwa pon) - Morutabana o simolola paterone, barutwana ba tshwanetse go kopolola paterone e e neetsweng sekao setshwantsho sa kofi, tee, suki..... - Lettelela barutwana go feleletsa paterone ka go thala sekao tsheshe, lethare, tsheshe,..... - Sediko se se botala jwa leoapi, sediko se se khibidu, sediko se se botala jwa loapi..... 			

Beke 14 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsos e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	<p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Tihaola le go bapisa dipopego tsa tekanothakorepedi (2-D) o dirisa ponagalo e e rileng <p>Dikgongnwa tsa go ruta ka ga dipopego tsa tekanothakoretharo (3-D)</p> <p>Kgaogganya barutwana mo ditiphopheng tse 5.</p> <ul style="list-style-type: none"> Morutabana o kgobokanya didiriswa tse di lekaneng gore sethophpha sengwe le sengwe se thihaole go ya ka diponagalo tse pedi (di ka ma dintsii) Naya sethophpha sengwe le sengwe didiriswa tsa diponagalo go thihaola . <p>Letelela barutwana:</p> <ul style="list-style-type: none"> Thihaola didiriswa go ya ka dilo tse di tshwanang le tse di sa tshwanang. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Tlogela barutwana mo sethopheng se le sengwe.</p> <ul style="list-style-type: none"> Tshwantshisa le go thihaola ditshwantsho tse di kgobokantsweng ke morutabana sekao ditshwantsho tsa diaparo tse di farologaneng, dijo, dipalangwa jalo jalo Letelela barutwana go feleletsa lethare la tiro mo ba Bapisang ditshwantsho tse pedi sekao molora wa go thihapa meno le borashé ya meno, molora le lapa ya go thihapa 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Didiriswa jaaka: Diaparo tse di farologaneng Maungo a a farologaneng Diphologolo tsa polase tse di farologaneng tsa polasitiki Dipopego tse di farologaneg tsa tekatekanyo Diboloko tse di aging tse di farologaneng Diboloko tsa Legotse di farologaneng Djiriswa tsa thihego jaaka mathhare, dtoko,maje tse di farologaneng. Ditalamo tse di farologaneng Mebala e e farologaneng ya dikhurumelo tsa dibotilo Dikerayone tse di farologaneng Kgobokanya ditshwantsho go tswa mo dimakasining. Segolola le go kgomaretsa mo dikarateng.</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letatsi 1</p>

Beke 14 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsos e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Sethogo	<p>Dintliha tsa thaloso</p> <ul style="list-style-type: none"> Maemo a didirsawa tse pedi kgotsa tse dints'i tse di amanang le morutwana - Gatelela kgopolo “mo godimo/ka fa tlase” le “mo godimo ga” Metsameko ya go dirisa mmelle <p>Morutwana mongwe le mongwe o dula mo godimo ga setilo.</p> <ul style="list-style-type: none"> - Barutwana ba supetsa gore ba tlhaloganya kgopolo ka go dula mo godimo le ka fa tlase ba latela ditaelo tsa morutabana sekao dula mo godimo ga lebokoso, roBala letsatsi fa tlase ga lebokoso kgotsa tafole - Dula ka fa tlase ga tafole. Itire monnye ka fa go kgonagaalang ka teng ka fa tlase ga tafole. - Ema mo setilong le go ikotiololela kwa godimo jaaka a batla. - KPalama mo godimo ga tafole le go dikolosa diatla ka disekela tse ditonna/dinnye. Alcolosa o dirisa tonnanyana/nnye thata - Baya boloko mo tlhogong,o palame mo godimo ga tafole. - Thlopha barutwana ba le batlhano o dirisa raeme ya dipalo tafole. - Laelia morutwana mongwe le mongwe ka go mo sebeletsa. <ul style="list-style-type: none"> o Dula diatla a gago a le ka fa tlase ga maoto a gago o Ema diatla a gago a le mo dinokeng tsa gago o Ema diatla a gago ka fa morago ga mokottla wa gago o Dula diatla a gago a le mo magetleng o Ema diatla a gago a fapaane fa pele ga gago <p>Barutwana ba ema mo pele fa ba bangwe ba dutse mo mmetsheng.</p> <p>Botsa barutwana:</p> <ul style="list-style-type: none"> - Morutwana wa nthha o dirang?(O dutse) - Diatla a gagwe a kae? (<i>Diatla a gagwe a ka fa tlase ga maoto a gagwe</i>) - Boeletsa se, le barutwana ba bangwe o dirsya ya bobedi,ya boraro, ya bone le ya bofelo. - Thlopha setthophha se sengwe go diragagtsa ditaelo tse di tshwanang le tsa setthophha se. - Tsamaya le bana kwa ntile o bontshe kgopolo “mo godimo”, kwa tlase” ba bontshe boithaopi.
3.1	<ul style="list-style-type: none"> Maemo a didirsawa tse pedi kgotsa tse dints'i tse di amanang le morutwana - Gatelela kgopolo “mo godimo/ka fa tlase” le “mo godimo ga” Metsameko ya go dirisa mmelle 	<p>Dithusa-thuto tse di atlegenesitsweng</p> 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Barutwana lebokoso</p> <p>Fa godimo fa tlase</p> <p>Barutwana ba ema mo pele fa ba bangwe ba dutse mo mmetsheng.</p> <p>Botsa barutwana:</p> <ul style="list-style-type: none"> - Morutwana wa nthha o dirang?(O dutse) - Diatla a gagwe a kae? (<i>Diatla a gagwe a ka fa tlase ga maoto a gagwe</i>) - Boeletsa se, le barutwana ba bangwe o dirsya ya bobedi,ya boraro, ya bone le ya bofelo. - Thlopha setthophha se sengwe go diragagtsa ditaelo tse di tshwanang le tsa setthophha se. - Tsamaya le bana kwa ntile o bontshe kgopolo “mo godimo”, kwa tlase” ba bontshe boithaopi.

Beke 15 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
1.1 Bala didiriswa	Gatelela kitso e amogetswang ka go akaretsa dipalo 1, 2 le 3 Motlotlo: Bala didiriswa go fittha ka 3 letsatsi le letsatsi. Balela kwa pele le kwa morago go fittha ka 3. Balela kawa godimo ipoelletsago tloga ka 1-7 Gatelela kgopololo ka ga “Bontsi” le Bonnye” Opa diatla gantsi.....EMA Opa diatla a gago ganny. Morutabana o opa diatla go fittha ka 3.			Pina ya dipalo le diraeme		
1.2 Balela dipalo kwa pele le kwa morago	Metshameko ya go dirisa mmele Rottoetsa barutwana go itemogela: - Karolo ya minnele e le 1 e kgonang go ya kwa godimo le kwa tlase,go ya kwa lethakoreng kgotsa kwa lethakoreng le lengwe ka bo lona sekao loieme. - Dikarolo tsa pedi tse di dirisiwang go tlola sekao maoto Dirisa dikgonngwa go ruta didiriswa tsa tekanothakoreharo (3-D) Letieleta barutwana go godisa kgopolopalo ka go: - Dirisa diboloko tse tharo go aga terio - Battla didiriswa tse 3 tse di khibidu mo phaposing . Dirisa dikadikgonngwa tsa ga dipopego tsa tekanothakorepedi (2-D) kgotsa ditshwatsho Morutabana o thala setshwantsho se se bothhofo - Morutabana o botsta potso e amanang le dipalo ya didiriswa mo setshwantshong sekao o bona mathbaphefo a le kae?			Diboloko Didiriswa tse di khibidu		Pina ya dipalo le diraeme
	• Dirisa dipalo 1,2 le 3 mo trisong e tħwaiegħileng Motlotlo: Bala didiriswa go fittha ka 3 letsatsi le letsatsi Balela kwa pele le kwa morago go fittha ka 3. Gatelela dkopololo ka ga “bontsi” le “bonnye”. .Opa diatla gantsi.....EMA Opa diatla a gago ganny. Morutabana o opa diatla go fittha ka 3. - Rottoetsa barutwana go ithuta dipalo ya ntlo le aterese ka tħogo					Letsatsi 1

Beke 15 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dittirwana tsa dipalo mo bekeng)	
Sethogo	<p>Dintitha tsa thaloso</p> <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgongwa tsa tekantothakorepedi (2-D)</p> <p>Letelela barutwana :</p> <ul style="list-style-type: none"> - Go lebelela ditshwantsho tsa dipalo 1,2 le 3 go tswa mo dimakasinen le difoleyara le go di kgomaretsa mo letlhare la pampiri (tsenyeletsa botsweretsi jwa pono) - Tshwantshisa dipalo ya diditriswa le dipalo ya marontho a mo karateng. - Supetsa karata tsekedimo ya marontho. Barutwana ba latlhela dipalo e e tshwanang ya dikgetsana tsa dinawa no teng ga lebokoso. - Tshameka morabaraba wa boto "Snakes and Ladders" le ditomino. 	<p>Boelele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Makasine, Phasalatso</p>    <p>Dikarata tsekedimo tse di bontshiwang tsa marontho Kgetiana ya dinawa Motshameko wa "Snakes and Ladders" Dotomino</p>
	<p>Dintitha:</p> <p>Dipalo di re potologile gotthe mo re leng teng:</p> <ul style="list-style-type: none"> - Ntlo nngwe le nngwe e na le dipalo - Rothre re na le dipalo tsa mogala tse di farloganeng - Re bona dipalo mo mathabaphefong a mabenkele. - Re bona dipalo mo dikungong tse di farloganeng tsa kwa mabenkeleng - Re bona dipalo mo dikoloing <p>1.4</p> <ul style="list-style-type: none"> • Rulaganya le go Bapisa didiriswa tse di kgobokantsweng o dirisa "ntsi go" nnye <p>Thalosa le Bapisa le go rulaganya dipalo)</p> <p>BiletsLetlela barutwana go : le babedi kwa pele. Ba letlele ba dule mo sedikong.</p> <p>Metshameko ya go dirisa mmelle</p> <p>Letlela barutwana ba babedi go ema. Go dutse ba le ba kae? Ba bale. Go eme ba le ba kae? Ba bale. Ke dipalo efe e e ntsi/nnye thata?</p> <p>- Letlelela barutwana ba bararo go ema. Ba bale. Ke dipalo efe e e ntsi/nnye? A go eme yo mongwe gape. Ba bale. Letlela barutwana go : ba emeng ba banisi go feta ba ba dutseng?</p> <ul style="list-style-type: none"> - Boeletska ka dipalo 1 go fitlha ka 3. - Bala basetsana. Bala basimane. A go na le basimane ba le bantsi go feta basetsana? <p>Dirisa dikgngwa go ruta ka ga tekantothakoretharo (3-D)</p> <p>Kgaogganya barutwana ka ditlhophha tse tlhano Neela sethophha sengwe le sengwe karolo ya thaupo/ulu le + didiriswa tse 5.</p>	<p>Letsetsi 1</p>

Beke 15 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo				
1.4 Thhalosa le Bapisa le go rulaganya dipalo)	<p>Barutwana ba bopa senthaga ka ulu.</p> <ul style="list-style-type: none"> - Morutabana o sebeletsa setthophpha sengwe le sengwe, a ba kopa go dira setthophpha sa didiriswa sa bo 3 kgotsa 1 mo dinthageng” - Barutwana ba tshwanetse ba supengore ke setthophpha sefe se se nang le sediriswa se le sengwe go feta.. - Ke setthophpha sefe se se nang le didiriswa tse dintsisi go feta ka 3? - Ke setthophpha sefe se se nang le dipalo ya didiriswa tse di tshwanang? 	<p>Barutwana ba bopa senthaga ka ulu.</p> <ul style="list-style-type: none"> - Morutabana o sebeletsa setthophpha sengwe le sengwe, a ba kopa go dira setthophpha sa didiriswa sa bo 3 kgotsa 1 mo dinthageng” - Barutwana ba tshwanetse ba supengore ke setthophpha sefe se se nang le sediriswa se le sengwe go feta.. - Ke setthophpha sefe se se nang le didiriswa tse dintsisi go feta ka 3? - Ke setthophpha sefe se se nang le dipalo ya didiriswa tse di tshwanang? 	<p>thapo Didiriswa tse 5 di newe setthophpha sengwe le sengwe</p>	<p>Letsatsi 1</p>
2.1 Dipaterone tsa jeometeri	<ul style="list-style-type: none"> • Kopolola le go feleletsa paterone e neetsweng go ya ka mmala o o mohibidu,botala jwa legodimo le serowlana Metshameko ya go dirisa mmele <p>Morutabana o diragatsa paterone.E boelelsete le go tshwrelela morethetho sekao.</p> <ul style="list-style-type: none"> ○ Opa, thwantsha (menwana) opa,thwatsosa ○ Thwantsha, opa,i taya maoto, thwatsosa, opa, iaya maoto, thwantsha, thwantsha <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Morutabana o neela morutwana mongwe le mongwe ka Dibadisi tse 3 tse khibidu, 3 botala jwa legodimo le tse di serowlana.</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Kopolola paterone e neetsweng ke morutabana sekao khibidu,botala jwa loapi, serowlana,serowlana (boeleltsa gantsi ka dipaterone tse di farologaneng) - Feleletsa paterone e neetsweng sekao botala jwa loapi, serowlana,khibidu..... (boeleltsa paterone gantsi ka ditsela tse di farologaneng) - Lettelela barutwana go thhaola dibadisi go ya ka mebala e e farologaneng. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Neela morutwana mongwe le mongwe karolwana ya pampiri. - Lettelela barutwana go feleletsa popego ya tekanothakorepedi (2-D) mo molelwaneng. - Feleletsa setshwantsho ka nako ya botswersetshi jwa pono ka nako ya go tahlwatsosa setshwantsho fa gare. 	<p>Barutwana ba bopa senthaga ka ulu.</p> <ul style="list-style-type: none"> - Morutabana o sebeletsa setthophpha sengwe le sengwe, a ba kopa go dira setthophpha sa didiriswa sa bo 3 kgotsa 1 mo dinthageng” - Barutwana ba tshwanetse ba supengore ke setthophpha sefe se se nang le sediriswa se le sengwe go feta.. - Ke setthophpha sefe se se nang le didiriswa tse dintsisi go feta ka 3? - Ke setthophpha sefe se se nang le dipalo ya didiriswa tse di tshwanang? 	<p>thapo Didiriswa tse 5 di newe setthophpha sengwe le sengwe</p>	<p>Letsatsi 1</p>

Beke 15 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotse le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)		
Sethogo			
4.2 Boleele	<p>Dintitha tsa thaloso</p> <p>Utolola ka ga boleele Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - A morutabana yo mongewe a robale mo fatshe, ba bangwe ba beye diboloko mo moleng go bapa le mebele ya bone - Morutabana o botsa barutwana bothle go aga sengwe sa dilo tse dikhutsana go feta tsala ya bone le se se telele go feta tsala ya bone <p>LetteleleLettelela barutwana go : tlhomamise:</p> <ul style="list-style-type: none"> - Ke kago efe e e telele? - Ke kago efe e e telele thata? - Ke kago efe e e khutshwane? - Ke kago sefe se se khutshwane thata? <p>Lettelela barutwana go rulaganya dilwana tse di farologaneng:</p> <ul style="list-style-type: none"> - Go tloga ka botelele go ya go khutshwane - Go tloga go khutshwane go ya go telelethata - Lettelela barutwana go tshwantshisa botelele jwa didiriswa tse di farologaneng. Morutabana o neela barutwana dikarolo tsaulu kgotsa thapo. Rotloetsa barutwana go fopholetsa pele ga ba lekanya. <p>Lettelela barutwana go lekanya:</p> <ul style="list-style-type: none"> - Thhogo ya mongwe le mongwe. - Moto a mongwe le mongwe.. - Magwejane tsa mongwe le mongwe. - Lelokololo la seatla. <p>Lettelela barutwanago Bapisa boleele jo bo farologaneng, ka go lebelela gore ke thapo efe e e telele kgotsa e e khutshwane sekao thapo e e lekanyang thhogo ya me e telele go feta thapo e e e e lekantseng lelokololo la seatla.</p> <p>Lettelela barutwana go tlhomamisa gore fopholetslo ya bone e nepagte..</p> 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p>	Letsetsi 1

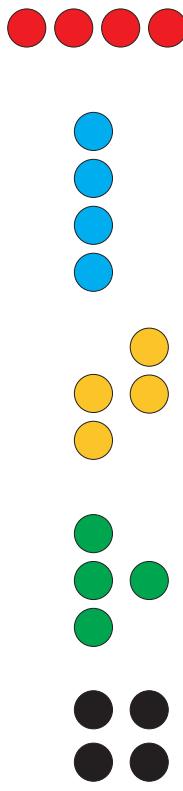
Beke 16 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Boleele jwa nako jo bo lekanyeditsweng
Sethogo 1.1 Bala dipalo	<ul style="list-style-type: none"> Itsise bokao jwa palo 4 <p>Motlotlo: Bala didiriswa go fitlha ka 4 letsatsi le letsatsi. Bala kwa pele le kwa morago go fitlha ka 4. Balela kwa godimo o ipoletsatsa 1-7</p> <p>Gatelela kgopololo ka ga “bontsi” le “bonnye”. .Opa diatla gantsi:.....EMA Opa diatla a gago ganny. Morutabana o opa diatla go fitlha ka 4.</p> <p>Metshameko ya go dirisa mmele Letilela barutswana: <ul style="list-style-type: none"> - Oba tlhogo tsa bone ga 4. - Bopa 4 ba dirisa mebele ya bone. Barutswana ba tlhomamisa gore ba tlhoka bana ba le baka. - Barutswana ba tswala matlho. Morutabana o itaya mo tafole gane. Ba bula matlho a bone, ba motlotlo gore ba utlwile go ietewa tafole ga kae. Boeletsatsa dipalo 1 go fitlha ka 4. </p>	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Diraeme tsa go bala le dipina Mebele ya barutswana</p>	Letsatsi 1

Beke 16 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e e nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 dltirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
Sethogo	1.1	Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo.	Seloko ya go tshameka	

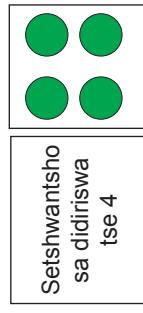
Bala dipalo

Letelela barutwana:

- Bopa dipalo 4 ka seloko ya go tshameka.
- Battla ditsala tse 4 ba barweleng dithako.
- Battla didiriswa tse 4 tse di kgolokwe.
- Bofa morutwana mo matlhong le go ba lettelela go supa dipalo 1 go fittha ka 4 ka go phopholets/a/gatisa dikarata tsekedimo tsa dipalo.
- Godisa temoso ka ga tshomarello ya dipalo ka go lettelela barutwana go paka dibadisi tse nne kgotsa didiriswa dingwe le dingwe tse di farologaneng sekao



Makasini,difoleyara,phasalatso
Pampiri ya A4 paper le gomo



Didiriswa tse di kgolokwe
Dira sete ya dikarata tsekedimo tsa dipalo tse di phopholediwang ka go di segolola dipalo go tswa mo pampiri e magwasipa le go di kgomaretsha mo karateng e nngwe..
Morutwana mongwe le mongwe o newa Dibadisi tse 4 kgotsa didiriswa tse 4

Fa o bala,dipalo ya didiriswa ga e amiwa ke bogolo kgotsa maemo, kgotsa ke mofuta o o tshwanang. Sekao:

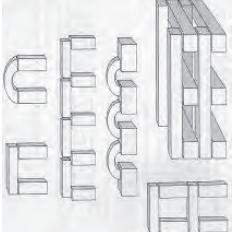
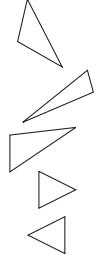
- Rulaganya ditalamo 4, dipensele tse 4,dihula hupu tse 4 hoops,barutwana ba le 4 jalo jalo.
- Di bale ka ka thulaganyo e e farologaneng sekao di bale di adilwe, di bapile, mo moleng kgotsa di pakilwe

Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)

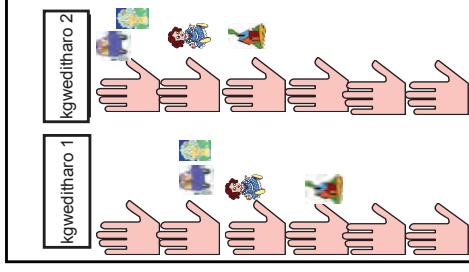
Letelela barutwana:

- Battla ditshwantsho tse 4 le go di kgomaretsha mo pampimosako.
- Tshwantshisa dipalo ya didiriswa go dipalo tsa marontho mo karateng
- Supa karata tsekedimo ka marontho a mane.

<p>Beke 16 Kitsiso</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p>	<p>Dintitha tsa thaloso</p> <p>1.4 • Dirisa palo 4 mo tirisong e e twaelegileng</p> <p>Tthalosa, bapisa le thulagano dipalo</p> <ul style="list-style-type: none"> - Dipalo ya 4 e dira gore o gopole eng? <table border="0"> <tr> <td>Koloi</td> <td>-</td> <td>maotwana a koloi</td> </tr> <tr> <td>Setilo</td> <td>-</td> <td>matotwana a mane a setilo</td> </tr> <tr> <td>Ntša</td> <td>-</td> <td>Dikgato tse nne tsa ntša</td> </tr> <tr> <td>Tafole</td> <td>-</td> <td>maotwana a mane a tafole</td> </tr> </table> <ul style="list-style-type: none"> - Go godisa kgopolo, rotloetsa barutwana go gopola dipalo ya bone ya ntlo le aterese. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3)</p> <ul style="list-style-type: none"> - Naya barutwana tshono ya go tshameka motschameko wa ka karata tsekedimo ya dipalo tse di leng teng mo phaosing. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Bonthsha karata tsekedimo ya letšhwaopaloo 4 <p>O tshameka metschameko jaaka:</p> <ul style="list-style-type: none"> - Fa ntlo ya lona e na le 4, opa diatla ga nne. - Batla tsala mo phaposing yo nang le dipalo ya ntlo e e tshwanang le ya gago(Barutwana ba botsa ditsala dipalo tsa matlo a bone) - Ke dipalo ya ntlo ya ga mang e e fetang 4? - Supetsa barutwana karata tsekedimo ka marontho a mane. - Supa karata tsekedimo ka ditshwantsho tse nne mo go yona. <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Lettsatsi 1</p> <p>Aterese ya ntlo ya morutwana</p> <p>Barutwana</p> <p>4</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Lettsatsi 1</p> <p>Dipalo nngwe le nngwe e e leng teng mo karateng ya metschameko</p> <p>4</p> <p>Setshwantsho sa didiriswa tse 4</p> <p>Dikarata tsekedimo ka ditshwantsho tse 4 le marontho a le 4</p>	Koloi	-	maotwana a koloi	Setilo	-	matotwana a mane a setilo	Ntša	-	Dikgato tse nne tsa ntša	Tafole	-	maotwana a mane a tafole
Koloi	-	maotwana a koloi													
Setilo	-	matotwana a mane a setilo													
Ntša	-	Dikgato tse nne tsa ntša													
Tafole	-	maotwana a mane a tafole													

Beke 16 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dltirwana tsa dipalo mo bekeng)	<p>Sethogo</p> <p>3.2 Didiriswa tsa tekatekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> • Utolola dikgonagalo tsa go dirisa diboloko tsa go aga <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Dirisa diboloko tse dingwe le tse dingwe go aga - Aga boago jwa diboloko di le 3 ya ga kwa godimo le diboloko tse 5 go ya kwa tlase. - Dirisa biboloko tse di dints1 tse di tlhogagalang go aga terena. - Supa gore ke mangy o agileng terena e e telele thata - Aga terio e e kwa godimo (tsepamo). - Aga boago jo bo polata sekao tsela kgotsa ntlo(rapaletseng) - Supa gore ke mangy o agileng terio e e kwa godimo thata. - Neela diboloko tsa go aga ka nakoy go tshameka mo teng ga phaposi gore barutwana bat tswelele go utolola diboloko tsa go aga. <p>3.3 Dipopegotekano thakorepedi (2-D)</p> <ul style="list-style-type: none"> • Godisa bokgoni go tliosa dipharologantsho mo gare ga dipopego tse di moyikologong, go sa kgathalesege bogolo kgotsa bogolo jwa dikhutlwana tsa teng <p>Metshameko ya go dirisa mmele</p> <p>Letelela barutwana go dula ka dithophpha tse 3:</p> <ul style="list-style-type: none"> - Robala mo fatshe le go dira khutlotharo ka mebele ya bone. Tlhagisa gore le fa dikutlotharo tsa dithophpha di farologana, khutlotharo ya setthophha sengwe le sengwe, e santse e le khutlotharo - Morutabana o supetsa dikhutlwana tse di farologaneng mo fatshe sekao: 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Diboloko tse di aging sekao.</p>  <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letatsi 1</p>
			<p>Tlhopa tirwana e le nngwe ya Metshameko ya go dirisa mmele , dikgonngwa, le dikgonngwa tse di halofo.</p> <p>Letatsi 1</p> <p>Barutwana</p>  <p>Morutwana mongwe le mongwe o newa dithupana tse 7</p> <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo(3-D)</p> <ul style="list-style-type: none"> - Barutwana ba tsamaya mo lethakoreng la dipopego le go itemogela dikhutlwana tse di faroganang ka mebele ya bone. - Dirisa dithupana tse 7 le go di bayo mo moleng o o tlhamaletseng 

Beke 16	Nako e e tshitshintsweng ya go ruta	
Kitsiso	Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 dilitirwana tsa dipalo mo bekeng)	
Sethogo	Dintitha tsa thhaloso	Bolele jwa nako jo bo lekanyeditsweng
3.3 Dipopegotekano thakorepedi (2-D)	<p>- Dirisa dithupana go dira mola o o potapotang.</p>  <p>- Dirisa dithupana go dira mola o o šokameng.</p>  <p>- Dirisa dithupana go dira khutlotharo.</p> 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dithusa-thuto tse di atlegenesitsweng</p>

Beke 16 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 dltirwana tsa dipalo mo bekeng)	Boleele jwa nako jo bo lekanyeditsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boolele jwa nako jo bo lekanyeditsweng
4.2 Boleele	<p>Gatelela kgopolo ka ga boolele Metshameko ya go dirisa mmeli</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Utolola boolele ka go tshwantshisa didiriswa . - Supa gore ke sediriswa sefe se se leng se telele thata le sediriswa se se khutshwane thata. - Tshwantshisa boolele jwa barutwana ba le babedi le go supa gore ke morutwana ofe yo o mokhutshwane le yo moleele. - Tshwantshisa boolele jwa barutwana ba le babedi le go botsa dipotsa jaaka “ke morutwana ofe yo mokhutshwane thata le gore ke ofe yo moleele thata. - Morutabana o lekanya barutwana gape a dirisa karata tsekedimo ya boolele go tswa mo kgwedi-tharong ya ntsha. - Morutabana o tlogela dikgatiso tsa kgwedi-tharo e fetileng (diatla , diatla ka ditshwanisho le matshwao a burtwana) gore ba kgone go bapisa diitekanyetsi tse pedi . - Barutwana ba itemogela gore a ba godile go tloga mo kgwedi-tharong e e fetileng. - Ke mang o o sa golang gothelie? - Ke mangy o o godileng thata go tloga ka kgwedi-tharo ya ntsha? sekao <ul style="list-style-type: none"> o Ntobi o godile ka bogolo jwa seatia se le sengwe. o Bolele jwa ga Lindo bo tshwana fela. 	<p>Diphensele,dithapo, Thudi,dipekese</p> <p>Bogolo jwa seatia</p> <p>Karata tsekedimo ya boolele</p> 	Letatsi 1

Beket 17 KIT SISO	Nako e tshitsintsweng go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutana(mosako) ka ± 30 metsotso ka letsatsi (± 5 ditirwana tsa dipalo ka beke)	Dintiha tsa thaloso	Dithusa-thuto tse di attenegisitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.1 Bala didiriswa</p> <ul style="list-style-type: none"> Gatelela kitso e amogetsweng ka ga bokao jwa palo 4 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha ka 4. Balela kwa pele le kwa morago go fittha ka 4.</p> <p>Gatelela kgopoloka ga “bontsi” le mmalwa” Opa diatla gantsi.....EMA. Opa diatla mmalwanyana. Morutabana o opa diatla go fittha ka 10. Botsa gore ke palo efe ya go opa diatla e e ntsi/nnye..</p> <p>Metsnameko ya go dirisa mmelé</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Gatisa palo 4 mo moyeng o dirisa monwana wa gagwe. - Opela pina sekao dibotlolo tse nne tse di tala di akgega mo loboteng....' - Potologa ga 4 . 	<p>Dipina tsa dipalo le diraeme</p>	<p>Letsatsi 1</p>	<p>Pane e e polata/bokoso ka mmu Didiriswa tsa tekanothakoretharo (3-D) tse di kgokologang Phasele ya dikarolwana tse 4</p>

		Nako e tshitsintsweng go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutana(mosako) ka ± 30 metsotsotso ka letsatsi (± 5 ditirvana ts a dipalo ka beke)	
Sethogo	Dintiha tsa thhaloso	Boleele jwa nako jo bo lekanyeditsweng	Boleele jwa nako jo bo lekanyeditsweng
1.3 Matshwaopalo le Mainapalo	<ul style="list-style-type: none"> Lemoga le go itse letshwaopalo le leinapalo ya palo ya 4 Motlotlo: Bala didiriswa letsatsi le letsatsi go fitlha ka 4. Baleia kwa pele le kwa morago go fitlha ka 4. <p>Gatelela kgopololo ka ga “bontsi” le mmalwa” Opa diatla gantsi.....EMA. Opa diatla mmalwanyana.Morutabana o opa diatla go fitlha ka 4. Botsa gore ke palo efe ya go opa diatla e e ntsi/nnye..</p> <p>Metsnameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Kwala nne mo setilong.Mo fatshe, mo mokotleng wa tsala. Tsholetsa menwana e 4. Morutabana o tshameka ka moropa. Fa moropa o khutla, barutwana ba bopa dithophha tse nne. 	<p>Dithusa-thuto tse di attenegisisweng</p> <p>Dipina ts a dipalo le diraeme</p>	<p>Letsetsi 1</p>
	<p>Dirisa dikgonngwa ts a tekatekanyopopiegopedi (2-D) kgotsa ditshwantsho</p> <ul style="list-style-type: none"> Bontsha barutwana karata tsekedimo e e nang le letshwaopalo 4 Supa leinapalo mo karateng. Golaganya leinapalo go palo e e tshwanang ya didiriswa. 	<p>Karata tsekedimo ya letshwaopalo Karata tsekedimo ya leinapalo nne sediriswa sa tekanothakoretharo (3-D)</p> <p>4</p>	<p>nne</p>

Beke 17 KITSISO	Nako e tshishintsweng go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana(mosoko) ka ± 30 metsotsos ka letsatsi (± 5 ditirwana tsa dipalo ka beke)	Bolele jwa nako jo bo lekanyeditsweng	Leletsatsi 1
Sethogo	Dinthha tsa thhaloso	Dithusa-thutho tse di attenegisitsweng	Leletsatsi 1

Beke 17 KITISO	Nako e tshitsintsweng go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutana(mosako) ka ± 30 metsotsotso ka letsatsi (± 5 ditirvana tsa dipalo ka beke)	Boolele jwa nako jo bo lekanyeditsweng	
Sethogo	Dintiha tsa thhaloso	Dithusa-thuto tse di attenegisitsweng	Letsatsi 1

1.4 Tihalosa, bapisa le thulaganyo ya dipalo

- Rulaganya le go bapisa setlhophpha sa dilwana o dirsa kgolo go , nnye go go lekana le go fitthela go palo ya 4

Kgaoganya barutwana ka ditlhophpha

- Morutabana o neela setlhophpha sengwe le sengwe dibadisi tse 4 le manathwana a mabedi a wulu.

Letelela ditlhophpha:

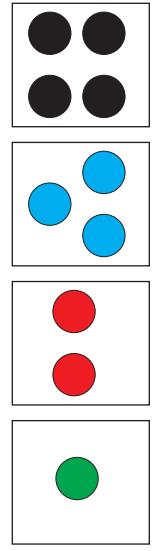
- Bopa didiko tse pedi ka wulu (disete).
- Ba latela ditaelo tsa morutabana ba baya dibadisi mo seteng nngwe le nngwe.
- Kgobokanya maloko a ditlhophpha go supa gore ke sete efe e nang le dibadisi di le dints'i go feta e nngwe? (ntsi go)
- Ke sediko sefe se se nang le dibadisi tse di mmalwa go feta se sengwe? (nnye go)
- Ke sediko sefe se se nang le palo e tshwanang ya dibadisi jaaka se sengwe? (lekana)

Dirisa dikgonngwa tse di halofo tsa tekatekanyopopegopedi (2-D) kgotsa ditshwantsho

Rulaganya sete ya ditshwantsho ka thulaganyo e siameng sekao.

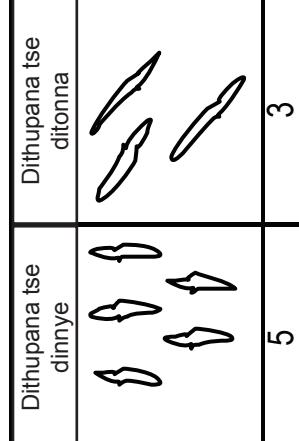
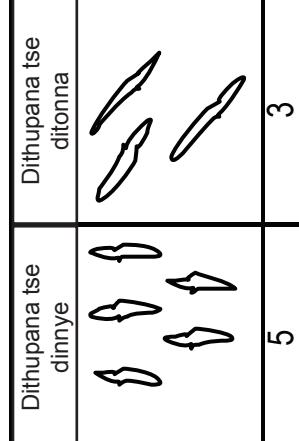
Setshwantsho sa sediriswa se le 1	Setshwantsho sa didiriswa tse 2	Setshwantsho sa didiriswa tse 3	Setshwantsho sa didiriswa tse 4
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Rulaganya sete ya marontho ka thulaganyo e siameng sekao.



Botsa dipotsotso jaaka "ke karata tsekedimo efe e nang le didiriswa/marontho tse dints'i?

Ke dipalo tsefe tse dints'i go feta ji 2?

Beke 17 KITISO	Nako e tshitshintsweng go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutana(mosako) ka ± 30 metsotsotso ka letsatsi (± 5 ditirwana tsa dipalo ka beke)	
Sethogo	Dintiha tsa thhaloso	Bolele jwa nako jo bo lekanyeditsweng
5.1 Kgobokanya le go tthaola didiriswa .	<ul style="list-style-type: none"> Godisa tirego ya dipalo tsa tshedimosetso <p>Dirisa dikgonngwa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Letlelela barutwana go kgobokanya dithupana tse 9. - Tthaola dithupana go ya ka tse dinnye le tse ditonna ka bogolo. <p>Thala kerafo go bontsha di newa tshedimosetsos</p> <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Dira kerafo ya ditshwantsho tsa dithupana. - Barutwana bap aka dikotswana mo kerfong ya ditshwantsho go ya ka bogolo, go raya gore nyie le tonna. 	Barutwana ba dira kgobokanya ya bone ya dikotswana
5.2 Dira kemedi ya didiriswa tse di kgobokantsweng le go tthaola.	<p>Dithupana tse dinnye</p>  <p>Dithupana tse ditonna</p> 	<p>Lethare la tirwana la kerafo ya asetshwantsho. Morutabana o thala lethare la A4 ka dikolomo tse di siameng tsa morutwana mongwe le mongwe.</p>
5.3 Tthalosa o dire pegelo ka kgobokanya le tthaolo ya didiriswa	<p>5</p>	<p>Motlotlo ka ga dipholo ka go botsa dipotsotso sekao "ke dikotswana tse kae tse dimnye? Ke dikotswana tse kae tse dimnye?"</p> <ul style="list-style-type: none"> Ke tsefe tse dints/mmalwa?

Beke 18 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 dirirwana tsa dipalo mo bekeng)	Dinthha tsa thhaloso	Bolele jwa nako jo bo lekanyeditsweng	Bolele jwa nako jo bo lekanyeditsweng	
Sethogo	1.1.	Bala dipalo	Gatelela kitso e amogetsweng e akaretsa dipalo 1,2,3 le 4. Motlotlo: Bala didiriswago fittha ka 4 letsatsi le letsatsi. Balela kwa pele le kwa morago go fittha ka 4. Gatelela dikgopololo ka ga “bontsi” le “bonnye” Opa diatla gantsi.....EMA Opa diatla a gago gannyne. Morutabana o opa diatla go fittha ka 4. Metsameko ya go dirisa mmelé Letelela barutwana: <ul style="list-style-type: none">- Dira palo 1 mo moweng o dirisa monwana.- Barutwana ba tshwara tlhogo tsa bone gabedi.- Dumedisa barutwana ba le 4 ba ba farologaneng ka letsogo.- Tsvala matlho a barutwana ka lesela, ba letlele go supa palo 1 go fittha ka 4 ka go phopholetsa Karata tsekedimo palo e e phopholediwang Dirisa dikgonngwa ka go ruta ka ga didiriswa tsa tekanothakoretharo Letelela barutwana go: <ul style="list-style-type: none">- Thala palo 1 mo mmung.- Battla didiriswa tse 3 tse di tshwanang.- Tlolela mo lifelong le le nosi ga 2- Aga diphasele ka dikarolo tse 4 kgotsa tse dints.	Dithusa-thuto tse di atlegenesitsweng	Letsatsi 1
Tshelete	1.1.		• Lemoga le go supa papetlana ya Tshelete Aforika Bonwa Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo <ul style="list-style-type: none">- Lemosa barutwana ka ga diphologolo le ditshwantsho tsa dimela mo leding lengwe le lengwe.- Tiriso ya tshelete e ka dirisiwa mo sekhutlwaneeng sa Dikgono tsa botshelo, mo barutwana ba tshamekang lebenkele. Ka go tshameka barutwana ba thagisetswa tshelete a farologaneng.	5c, 10c, 20c, 50c, R1,00, R2,00 le R5,00 (tshelete a go tshameka le tshelete a nnene)	Letsatsi 1

Beke 18 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 dirirwana tsa dipalo mo bekeng)	Dintilha tsa thhaloso	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.7 Tihakanyo le Tloso</p> <p>Rarabolola dipalo tsa go thakanya tse di neetsweng ka go Motlotlo le dipalo tsa go tlosa go fittha ka 4.</p> <p>Motlotlo: Bala didiriswa go fittha ka 4 letsatsi le letsatsi.</p> <p>Balela kwa pele le kwa morago go fittha ka 4.</p> <p>Balela kwa godimo o ipoeletsia go tloga 1-7</p> <p>Gateleia dlkgopololo ka ga “bontsi” le bonnye” .</p> <p>Opa diatla gantsi.....EMA</p> <p>Opa diatla a gago ganny. Morutabana o opa diatla go fittha ka 4.</p> <p>Metshameko ya go dirisa mmele</p> <p>Dikai:</p> <ol style="list-style-type: none"> 1. Morutabana o biletisa morutwana a le 1 kwa pele mo phaposing. O bitsa gape barutwanan ba le 3. O biditse barutwana ba le kae bothie? 2. Morutabana o pakolola dibadisi tse 3. O oketsa ka e nngwe.gona le dibadisi di le kae mo tafoleng? 3. Barutwana ba ema mo pele ga phaposi. Morutabana o kopa morutwana o mongwe go dula fa fatshe. Ke barutwana ba le kae ba ba fa pele ga phaposi jaanong? 4. Tumelo o na le dipensel tse 4. O naya Xolani dipensel tse pedi. Tumelo o setse ka diphensele tse kae? 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tsa dipalo le diraeme</p> <p>Barutwana Dibadisi Diphensele</p>	<p>Letsatsi 1</p> <p>Dirisa didiriswa tse di farologaneng go go naya thhaloganyo gore o dirisa jang ditogamaano tse di farologaneng</p>

Beke 18 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+-5 dirirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng	
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng	

1.4 Thalosa , bapisa le thulaganyo ya dipalo

- Rulaganya le go bapisa didiriswa tse di kgobokantsweng o dirisa “ntsi go” le nnye go” le lekana le” go filtha ka palo 4

Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)

- Morutabana o neela leloko lengwe le lengwe la sethophpha dipalo e e riling ya dikerayone.

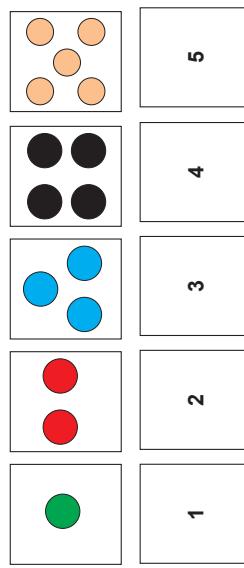
- Maloko a sethophpha a tshwanetse go supa gore ke morutwana ofe yo o nang le dikerayone tse dintsio go fetisa bangwe?

- Ke morutwana ofe yo o nang le tse dinnye go na le barutwana ba bangwe?

- Ke barutwana bafe ba ba nang le dipalo e e tshwanang ya dikerayone?

Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)

- Rulaganya sete ya dikarata tsekedimo tsa dipalo tse di akaretsang palo 1-5 ka tatelano sekao



Lerontho le karata tsekedimo ya letshwaopalo

- Botsa dipotso jaaka “Ke karata tsekedimo efe e e nang le marontho a mantsi/didiriswa?
- Ke dipalo efe e e nang le dipalo e e fetang jj 2?

Beke 18 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+-5 dirirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>2.1 Dipaterone tsa jeometeri</p> <ul style="list-style-type: none"> • Kopolola go le feletsa paterone e e neetsweng <p>Kopisa paterone e e neetsweng</p> <p>- Morutabana o dirisa a dirisa Tšhelete e tshamekang sekao" e.g. 5c, 5c, 5c, 10c, 10c, 10c, 20c, 20c, 20c</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Kopisa dipaterone tse di farologaneng tse di bopilweng ke morutabana. <p>Feleletsatse paterone e e neilweng</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Feleletsatse dipaterone tse di farologaneng tse di bopilweng ke morutabana sekao. <ul style="list-style-type: none"> o 5c, 5c, 10c, 10c, ----- o 5c, 10c, ----- o 10c, 10c, 20c, -----ji. 		<p>Tšhelete ya motshameko kgotsa tšhelete a mnete(5c,10c,20c)</p>	Letsatsi 1

Bete 19 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boelele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Gatelela kitso e amogetsweng e akaretsang dipalo 1, 2, 3 le 4. <p>Motlotlo: Bala didiriswa go fittha ka 4 letsatsi le letsatsi. Baleia kwa pele le kwa morago go fittha ka 4. O baleia kwa godlimo a ipoeletsa go tloga ka 1-7 Gatelela dlkgopoloka ga "bontsi" le "bonnye". Opa diaitla gantsi.....EMA. Opa diaitla go gonye. Morutabana o opa diaitla go fittha ka 4. Metsameko ya go dirisa mmeli Morutabana o tsholetska karata tsekedimo ya dipalo ka letshwaopalo, a re go barutwana: <ul style="list-style-type: none"> - Ke thokha basimane ba le kana - Morutabana o tsholetska palo a re, ke thokha basetsana ba le kana. - Bopa dithlophha tsa (tsholetska palo 2). - Boeletska tiro e ka dikarata tsekedimo tse di kwadilweng 1-4 </p>	<p>Letshwaopalo le le akaretsang dipalo 1-4</p> <p>Dipina tsa dipalo le diraeme</p> <p>3</p>	Letsatsi 1
1.16 Dipalo tsa tlhogo	<ul style="list-style-type: none"> - Dipalo tsa tlhogo <p>Morutabana o tsholetska karata tsekedimo ya palo 3, a botsa barutwana?</p> <ul style="list-style-type: none"> - Ke palo efeng e tiang mo pele ga 3? - Ke palo efeng e lateolang morago ga 3? - Boeletska ka dipalo 1-4 - A lo ka bontsha ditsekedima e nang le setswantsho se se nang le palo e e tshwanang le marontho a a akaretsang dipalo 1-4 		

Beke 19 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng												
Sethogo 1.16 Dipalo tsa thhogo	<p>Dirtha tsa thhaloso</p> <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutabana o opa diaitala ka morethetho le go bapisa dipalo ka bonya. Barutwana ba tlosa dibaga ba di supetsa sekao dibaga - Lettelela barutwana go baya 1,2,3 kgotsa 4 mo pele ga bone - Kopa barutwana go bontsha gore ba na le dibaga di le kae ka go bapisa dibaga tsa bone le dipalo e tshwanang le e e mo karateng sekao dibaga tse 4 le letshwaopalo 4. - A ba batte morutwana yo o nang le dipalo e tshwanang ya dibaga. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Morutabana o tsholetsa karata tsekedimo ya lerontho ya palo 2 le go botsa barutwana</p> <ul style="list-style-type: none"> - Go na le marontho a le kae mo karateng e? - Dipalo tse, di emela marontho a le kae? - Ke dipalo efe e latelang morago ga dipalo e? - Go thala dipalo e tshwanang ya marontho mo lethare la pampiri. 	<p>Morutwana mongwe le mongwe o newa dibaga tse 4</p> <p>Karata tsekedimo ya dipalo 1,2,3 le 4 Karata tsekedimo ya marontho</p> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td>2</td> </tr> </table> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>4</td> </tr> </table>				1		2				3		4	
1		2													
3		4													

Beke 19 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng	
Sethogo	1.7 Tlhakanyo le tlosa	<ul style="list-style-type: none"> O ratabolola ka go motlotlo dipalo tse di neetsweng tsa go tlhakanya le go tlosa dipalo tsa ditharabololo tse di fithang ka 4 <p>Metsameko ya go dirisa mmelle</p> <ul style="list-style-type: none"> Biletsa barutwana go ba le 3 kwa pele. Ba bale Biletsa gape morutwana a le 1, ba bakae bothhe? 3 le 1[®]4 (tharo le nngwe e go naya 4) Romela ba le 3,mo mmetsheng.Go na le barutwana ba le kae jaanong? Tlosa 1 mo go 4→3 <p>Kgaogganya barutwana ka dithophpha.</p> <p>Botsa dipotsotso tse di jaaka :</p> <ul style="list-style-type: none"> O bona dinko di le kae mo setthopheng sa gago? Melomo e kae? Mebele e kae? Fa gare barutwana ba le babedi, go na le matihlo a le kae? Fa gare go barutwana le babedi, go na le maoto a le kae? <p>Dirisa dikgonngwa go ruta ka ga dipopego tsa tekatekanyothlhakoretharo (3-D)</p> <p>Dikao:</p> <ol style="list-style-type: none"> Rraagwe Lindiwe o na le koloi.Koloi ya gagwe e na le maotwana a lekae? Fa leotwana le tsstile moyla le ntshiva, go sala maotwana a le makae? Koko e na le dikokwana di le 4.Dikokwana di le pedi di nyelela.Go na le dikokwana di le kae ka koko jaanong? Koko ya mosadi e bona dikokwana tsa yona tse pedi.E na le dikokwana tse kae jaanong? 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letsetsi 1</p>	

<p>Beke 19 Kitsiso</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse di 5 ditirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p>	<p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Rulaganya le go bapisa didiriswa tse di kgobokantsweng go fittha ka 4,o dirisa "ntsi go",nnye go le lekana le" <p>Meishameko ya go dirisa mmele</p> <p>- Morutabana o baya didiriswa tse di farologaneng mo godimo ga tafole sekao dikerayone tse 2, diboloko tse 4 tse di tshwarang, dithini tse 3, dibuka tse 2</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> Bala dipalo ya dikerayone le meteme/dithini. Ago na le dikerayone tse dints go feta meteme/dithini? Bala dipalo ya diboloko le dibuka. Ago na le diboloko tse dimye go na le dibuka? A go na le diboloko tse dints go feta dibuka? Bala dibuka le dikerayone. Ago na le dipalo e lekanang ya didiriswa kgotsa nnyaa? 	<p>1.4 Tihalosa, bapisa le go rulaganya dipalo</p> <p>Dintitha-thuto tse di atlegenesitsweng</p> <p>Dikerayone, diboloko, dithini, dibuka.</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>	<p>Letsatsi 1</p>
		<p>3.3 Dipopegotekano thakorepedi (2-D)</p>	<p>Dira le go feleletsa phasele ya gagwe ya dikarolwana tse 4</p> <p>(Tsényeletsa botsweretshi jwa ponos)</p> <p>Letelela barutwana:</p>	<p>Dibadisi</p> <p>Morutabana o naya morutwana mongwe le mongwe palo e e farologneng ya Dibadisi tse di fitlhang ka 4</p>	<p>Ditshwantsho tsa barutwana</p>	<p>Letsatsi 1</p>

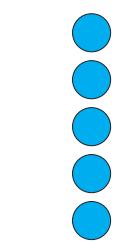
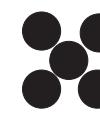


Beke 19 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
4.1 Nako	<ul style="list-style-type: none"> • Godisa temoso ya se se diragalang fa gare ga nako ya ja bosigo le nako ya go robala <p>(Tsenyeletsisa sethogo ka ga tshimologo ya kitsiso mo serutweng sa dikgono tsa botsheilo)</p> <p>Letelela barutwana go :</p> <ul style="list-style-type: none"> - tlolla ka ga se ba se dirang fa sena go ja dijo tsa bosigo. - tlolla ka ga se se diragalang fa morago ga nako ya go ja dijo tsa bosigo. <p>Morutabana o botsa:</p> <ul style="list-style-type: none"> - "A o tla sekolong mo mesong kgotsa mo bosigong?" - Fa o tsena kwa sekolong fa tshipi e sena go lela, a o tla bo o le thari kgotsa o fitihile ka nako? - Letsatsi le kae bosigo?" 		<p>Ditshwantsho tse di supetsang se se diragalang go tloga ka nako ya dijo tsa bosigo go fitha ka nako ya go robala</p> 	<p>Boleele jwa</p> <p>nako jo bo</p> <p>lekanyeditsweng</p>	<p>Letsetsi 1</p>
Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)	<ul style="list-style-type: none"> - Barutwana ba thala setshwantsho go supetsa tiragalo ka fa morago ga go ja dijo tsa bosigo. - O neela ka malea tse di bontshang tatelano ya ditiragalo kgotsa ditirwana. 	<p>Pampiri le dikeryone</p>			

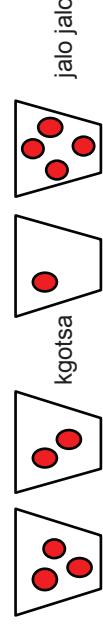
BEKE 20	Dirisa beke 20 go tsena mo bokoeng jwa dikgopolo	kgotsa thaoala dikgoreletsi mo go ithuteng.
Diteng tsa serutwa	Ditlhogo	Mokgwa wa go Lekanyetsa
Dipalo, Ditiriso/ diopereshene le Kamano	1.1 Go balela	<p>Lekanyetsa go balela kwa godimoo ipoeletsa go fittha go 7 (dipalopina, moribo o o tsenyelletsang go aga dipalokakanyo)</p> <p>Balela kwa morago le kwa pele (1-4)</p> <p>Thaloganya dikakanyo bontsi le bongwe" (o betseganya diatta)</p> <p>Lemoga dipalo mo tirisong e e tlwaelegileng sekao, palo ya ntlo, aterese le rejisetara</p> <p>Thaoala dipalotshwantsho le dikarata tsekedimo tsa dinkgolokwe</p> <p>Itse matshwao a 1, 2, 3 ,4</p> <p>Lemoga dipalofoko pedi,tharo,nne</p> <p>Thaloganya tsamaelano ya bongwe ka bongwe (Bathusi ba Motlotlo ka nako ya go ikhutsa)</p> <p>Thaoala magareng ga bonisi, bonnye le lekana le ennye go 4</p> <p>Lemoga pharologano mo tshelete ya tshipi a Aferika Bowra</p>
	1.6 Tharabololo ya dipalo tsa mararaane	<p>Dirisa dididriswa tse di ka kgongwang</p> <p>Thalosa gore go inaganel ka mafoko ka ditshwantsho le dilo tsee di ka kgongwang</p>
	1.7 le 1.13 Thakanyo le tlosos	<p>Ka molomo ratabolola dipalo tsa go thakanya le go tlosa go fittha 4</p>
Dipaterone le Tiragatso	2.1. Dipaterone tsa jeometeri	Kopolola, godisa le go bopa dipaterone tsa gago (dilo, dipopego le tshelete a tshipi)

BEKE 20	Dirisa beke 20 go tsena mo bokoeng jwa dikgopolo	kgotsa tthaola dikgoreletsi mo go ithuteng.
Diteng tsa serutwa	Ditlhogo	Mokgwa wa go Lekanyetsa
Boalo le Popego(jeometeri)	3.1 Maemo, kitsiso le dipono	Tthaloganya kemo ya dididriswa tse pedi kgotsa go amana le morutwana ka: Godimo ga fa tlase
	3.3 Tekanotlhakorepedi (2-D) ya dipopego	Aga bonnye dikarolwana tse 12 tsa malea Supetsa bolgoni jwa go farologatsoa magareng gam o" (lekanyetsa gape) Lemoga, tthaola o neele dikhuthloharo maina bopa tikologo Tthaloganya go sa fetogeng ga dikhuthloharo (bopa tikologo)
	3.2 Tekanotlhakoretharo (3-D) ya dididriswa	Bapisa gore ke dilo dife tse di neetsweng tse padi tse di leng telele, teletelele, khutshwane, khutshwakhutshwane
		Tthaola dilo mo teng Bogolo, bolele le bokhutshwane
		Mebala, - (khibidu, serolwane, botala jwa legodimo,le botala jwa tlago)
		Dipopego
		Aga ka diboloko tse agang
		Lemoga mola wa bogare mo tikologong ya gago. O kgona go kgabaganya molagare
	3.4 Tekano	Tthaloganya matsatsi a beke, dintha tsa ngwaga, karata tsekedimo ya tsa bosa. (dipuo le moribolekanyetsa gape)
Tekanyo	4.1 Nakö	Itse matsatsi a bona a botsalo (lekanyetsa gae)
	4.2 Bolele	Farologanya magareng ga telele, khutshwane, bokhutshwane (karata tsekedimo ya bogodimo)
Tshedimosetsö	5.1 Kgobokanya le tthaola dididriswa.	O kgona go kgobokanya, tthaola, thala, bala le go anela (lokolola) dilo go ya ka dilo
	5.2 Kemedi le dididriswa tse di tthaotsweng	
	5.3 Buisana le dira pego ka kgobokanyo yadiidriswa tse di tthaotsweng.	

KGWEDI-THARO 3 DIPALO MOPHATO WA R			
Bek 21 Kitsiso Sethogo	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+-5 ditirwana tsa dipalo mo bekeng)	Dithusa-thuto tse di atlegenesitsweng Dintiha tsa thaloso	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Itsise bokao jwa palo 5 <p>Mottotto: Bala didiriswa go fittha ka 5 letsatsi le letsatsi. Balela kwa pele le kwa morago go fittha ka 5. Balela kwa godimo o ipoeletsia 1-10</p> <p>Gatelela go bala palokemotatelano: Morutabana o pakolola didiriswa tse 3 mo moleng. O supa sediriswa santiha, sabobedi, saborato.</p> <p>Gatelela kgopololo ka ga "bontsi" le "bonnye" Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 5 Botsa gore o opile diatla gantsi/gannye.</p> <p>Metshameko ya go dirisa mmele Rottoetsa barutwana go utolola palo ya 5 ka go: <ul style="list-style-type: none"> - Opa diatla ga 5. - Battisisa gore ke barutwana ba le kae mo phaposing ba ba dingwaga di le 5. </p>	<p>Dipina tsa dipalo le diraeme Diraeme tsa go bala le dipina sekao."Dishwene tse thano di tlola mo beteng".</p> <p>Didiriswa tse 3</p>	Letsetsi 1

Bete 21 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+5 ddirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.16 Dipalo tsa tlhogo	<p>Dipalo tsa tlhogo</p> <ul style="list-style-type: none"> - Morutabana o opa diaitala ka morethetho le tshwantshisa dipalo palo 5 ka bonya sekao barutwana ba ntshe Dibadisi ise di lekanang le 5 le go di supetsa. - Barutwana ba pakolola Dibadisi tse 5, ba di baya mo moleng le go di bala - Morutabana o botsa: - Ke dipalo efe e tlhang pele ga 5? - Ke dipalo efe e tlhang morago ga 4? - Fa o na le diapole di le 5, o naya yo mongwe diapole tse 2.O setse ka diapole di le kae? - Supetsa menwana e le 5. - O na le menwana e le kae mo leotong le le 1? <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo(3-D)</p> <ul style="list-style-type: none"> - Barutwana ba godisa bokaopalo ka go: - Dira dipalo 5 ka seiloco ya go tshameka. - Sela mathare a le 5. - Bala didiriswa le go di golaganya le Dibadisi. - Godisa temoso ya tshomarello ya dipalo ka go Lettelela barutwana go pakolota Dibadisi di le tlhano kgotsa didiriswa ka tsela tse di farologaneng sekao 	   	<p>Seloko ya go tshameka</p> <p>Mathhare</p> <p>Fa ba bala dipalo ya Dibadisi, dipalo ga e amiwe ke bogolo jwa didiriswa,kgotsa maemo kgotsa e le mofuta o le mongwe sekao</p> <ul style="list-style-type: none"> - Rulaganya ditalama di le 5, dipensese di le 5, dihula hupu di le 5,barutwana ba le 5 jalo jalo. - Di bale ka thulaganyo e farologaneng sekao di bale di adilwe, di bapile, mo moleng kgotsa di pakilwe.

<p>Beket 21 Kitsiso</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+-5 ditirwana tsa dipalo mo bekeng)</p>	<p>Sethogo</p>	<p>Dintitha tsa thhaloso</p> <p>1.4 Tlhaolsa, bapisa le go rulaganya dipalo</p> <ul style="list-style-type: none"> Godisa kgopolole go rotloetsa barutwana go gopola dipalo ya ntlo, atere se le dipalo ya mogala <p>Tshameka motshameko o tshwana le:</p> <ul style="list-style-type: none"> - Morutabana o Motlotlo dipalo ya ntlo, atere se kgotsa dipalo ya mogala ya morutwana. - Dipalo ya morutwana kgotsa atere se e tsamaisanang o a araba. - Fa o feleletsa lenaneotseno, morutabana a ka botsa dipotso tsa go tshwana le "a morutwana wa dipalo ya mogala 435-6256 o teng gompieno?" "Amorutwana yo o dulang kwa Mandela Drive 123 o teng gompieno?" - Barutwana ba dirisa karata tsekedimo ya letshwaopalgo go paka dipalo ya bone ya ntlo kgotsa dipalo ya mogala ka tatelelo, le fa ba sa kgone. - Diragatsa puisanpo mo mogaleng ka go tshameka motshameko. Barutwana ba leletsa mongwe yo o kgethegileng mogala. <p>Tseneyletsa botswereletsi jwa tiragatso ya serutwa sa dikgono tsa botshelo</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p>	<p>Letsatsi 1</p>

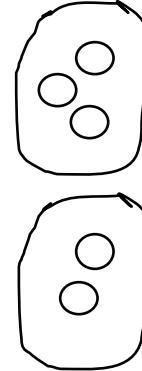
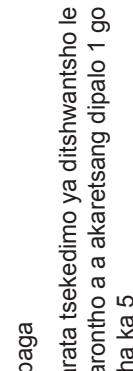
Beket 21 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 ddirwana tsa dipalo mo bekeng)		
Sethogo	<p>1.3 Itse letshwaopalo le go lemoga leinapalo</p> <p>Dintitha tsa thhaloso</p> <ul style="list-style-type: none"> Itse letshwaopalo le go lemoga leinapalo le le akaretsang 5 <p>Motlotlo: Bala didiriswa go fittha ka 5 letsatsi le letsatsi Baleia kwa pele le kwa morago go fittha ka 5 Baleia kwa godimo a ipoiletsa 1-10</p> <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Lettelela barutwana go dula mo sedikong. Naya barutwana dipalo go ya ka paterone 1, 2, 3, 4, 5. 1, 2, 3, 4, 5. Botsa dipotso di tshwana le “ke mang o tia be e le dipalo ya bo5? Ke mang yo o tia be e le dipalo ya bo 4? O rarabolose jang dipalo tse? (Barutwana ba rarabolola palo ka tsela ya go diragatsa ba bonelapel dipalo e e lateolang ka go baleia kwa pele) <p>Dirisa dikgonngwa ka go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> Dirisa dikarata tsekedimo tsa phopholetso tsa dipalo tse di akaretsang 1 go fittha ka 5. Barutwana ba tswala mattho a bone le go phopholetsa dipalo ya 5 ba dirisa menwana fa gare ga matshwaopalo. <p>Naya morutwana mongwe le mongwe dibadisi di le 5 le dikopi tse pedi tsa dipolasitiki kgotsa ditshegetsi tse pedi tsa mae</p> <ul style="list-style-type: none"> botsa barutwana: O kgona go rulaganya dibadisi ga kae ka itsela tse di farologaneng mo teng ga ditshegetsi? 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tsa dipalo le diraeme</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letatsi 1</p>	

Beket 21 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintiha tsa thaloso	Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) Letlelela barutwana go: <ul style="list-style-type: none">- Supa karata tsekedimo e nang le ditshwantsho di le 5 mo go yona.- Supa karata tsekedimo ya marontho a 5 mo go yona.- Supa letshwaopalo 5 gongwe le gongwe mo phaposing.- Supa letshwaopalo mo karateng. Lemoga leinapalo mo karateng. <ul style="list-style-type: none">- Goganya dipalo ya dibadisi le leinapalo le letshwaopalo ka go paka dibadisi mo godimo ga setshwantsho le karata tsekedimo ya lerontho.	Dithusa-thuto tse di atlegenesitsweng Dikarata tsekedimo ka ditshwantsho, marontho, letshwaopalo le leinapalo Dibadisi tse 5	Bolele jwa nako jo bo lekanyeditsweng
3.4 Tekano	Metshameko ya go dirisa mmele Letlelela barutwana go::: <ul style="list-style-type: none">- Tshameka motshameko wa go latela moeteledipele, mo barutwana ba kopisang maemo go tsa mo karateng.- Tshameka motshameko wa go latela moeteledipele mo morutabana o supetsang maemo mme barutwana ba kopisa (akaretsa tiragsto no barutwana ba supetsang kgaogano ya mola sekao ama lengwela la moja ka leitsogo la molema)- Tshameka motshameko wa go latela moeteledipele mo morutwana a supetsang maemo, mme ba bangwe ba kopisa Morutabana o supetsa motlo wa naledi "star jumps" le barutwana ba rotloediwa go diragatsa tiro e e tshwanang.	Gatelela mola wa kgolagano mo go wena ka go diragatsa tiro e e rotloetsang go kgaogannngwa ga mola wa bogare Letlelela barutwana go::: <ul style="list-style-type: none">- Tshameka motshameko wa go latela moeteledipele, mo barutwana ba kopisang maemo go tsa mo karateng.- Tshameka motshameko wa go latela moeteledipele mo morutabana o supetsang maemo mme barutwana ba kopisa (akaretsa tiragsto no barutwana ba supetsang kgaogano ya mola sekao ama lengwela la moja ka leitsogo la molema)- Tshameka motshameko wa go latela moeteledipele mo morutwana a supetsang maemo, mme ba bangwe ba kopisa Morutabana o supetsa motlo wa naledi "star jumps" le barutwana ba rotloediwa go diragatsa tiro e e tshwanang.	Dirisa dikgonwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D) Letlelela barutwana go: <ul style="list-style-type: none">- Baya kgetsana ya dinawa mo molemeng, mojeng, mo pele le kwa morago ga mmele wa gagwe.- Dirisa letsogo la gagwe la molemala go baya kgetsana ya dinawa mo lethakoreng la mmele wa gagwe wa moja.- Othlolola letsogo go kgabaganya mola wa gare.- Booletsa tiro ka letsogo la moja. Tsenyeletsa tirwana ya thuto ya katiso ya mmele ya serutwa sa Dikgono tsa botshelo.			

Beke 21 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 ddirwana tsa dipalo mo bekeng)		
Sethogo 4.2 Boleele	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Fopholetsa le go lekanya boleele jwa didirswa tse di farologaneng o dirisa Metsameko ya go dirisa mmelle <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> Bapisa boleele jwa maoto le diaitala a bone. Barutwana ba fopholetsa gore ke sediriswa sefe se telele le gore ke sefe se se khutshwane ka go di lekanya ka maoto kgotsa diaitala sekao tafole kgotsa karolo ya peipe e e nosetsang go tswa kwa gae. Fopholetsa gore ke sediriswa sefe se telele sekao tsela ya maoto kgotsa mola wa ditena. Lettelela barutwana go fopholetsa gore ke efe e leng telele sekao phaposi kgotsa phaposi ya barutabana ya go ikhutsa? Botsa potso e tshwana le : Ke efe e telelenyana/telele thata pensile kgotsa karolo ya thudi jalo jalo 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p>	Lettsatsi 1

Bete 22 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 dirirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> • Gatelela kitso e amogetsweng e akaretsang palo 5 <p>Motlotlo : Bala didiriswa go fittha ka 5 letsatsi le letsatsi Balele kwa pele le kwa morago go fittha ka 5</p> <p>Balela kwa godimo ba ipoletsas 1-10</p> <p>Gatelela dikgopoloka ga "bontsi" le "bonnye".</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 5</p> <p>Botsa gore o opile diatla gantsi/gamnye.</p> <p>Metshameko ya go dirisa mmele</p> <p>Roltoetsa barutwana go utolola palo 5 ka go:</p> <ul style="list-style-type: none"> - Bontsha memwana e le 5 mo moyeng. - Batla didiriswa tse 5 tse di khibidu, botala jwa loapi, serolwana, mmala o tala. - Batla didiriswa tse 5 tse di tshwanang le sediklo, khuttonne, khutlotharo. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Letelela barutwana go godisa bokaoopal ka go:</p> <ul style="list-style-type: none"> - Latela dibuka tse 5 mo sekhutlwanteng sa dibuka. - Aga terio ka tlhakorentsie e nang le difathego di le thataro tse di tshwanang, difathego di khutlo-nne tsepa (cube) <p>Diboloko tsa go aga</p>	<p>Dipina tsa dipalo le diraeme sekao. Diraeme tsa go bala le dipina sekao “1,2,3,4,5 once I caught a fish alive”</p> <p>Dibadisi</p> <p>dibuka</p> <p>Diboloko tsa go aga kgotsa tlhakore nitsi e nang le difathego di le thataro tse di tshwanang, difathego di khutlo-nne tsepa (cube)</p> <p>Diboloko tsa go aga</p>	Letsatsi 1	

Bete 22 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		
Sethogo Tlhakanyo le Tloso	<p>1.7</p> <p>Rarabolola dipalo tsa mafoko ka go Motlotlo (dipalo tsa kgangkhhutswe) le go thhalosa ditharabololo tsa bone tse di akaresang palo</p> <p>Metshameko ya go dirisa mmelle:</p> <ul style="list-style-type: none"> - BletsLetlelela barutwana go : le 5 kwa pele. Kgaoganya ditulo tse 5 magareng ga bone. - Tlosa setilo se sengwe..laanong kgaoganya ditulo fa gare gLetlelela barutwana go : le tlano. Morutwana a le mongwe o sala kwa ntla ga setilo. - Simolola ka 5.Balela kwa morago. Simolola ka 3.Bala go fittha ka 5.Simolola ka 1.Bala go fittha ka 4 ijai jalo. <p>Dirisa dikgongwa ka go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dikai:</p> <ol style="list-style-type: none"> 1. Supetsa monwana o le 1 mo seatleng se le sengwe le menwana e le 4 mo seatleng se sengwe. Go na le menwana e le kae yothie? Dibadisi 2. Sam o na le dibisikiti di le 4. Mpho o mo naya bisikiti e le 1 gape. Sam o na le dibisikiti di le kae tsiothe? Dimabole 3. Tiny o na le maje a le 5 o naya Mia maje otthe a le 5.Mia o na le maje a le kae? Pina 4. Jan o na le dimabole di le 5, o latlhegwa ke tse 2. O na le dimabole di kae tse di setseng? 5. Katse e le nngwe e na le ditsebe di le pedi,dikatse tse pedi di na le ditsebe di le kae? 6. Pina, "Mabotlole a matlhano a botala jwa loapi a akgelive mo leboteng a felela ka 0" (Supa gore dibottolo di a fokotsegaa) 	<p>Dintsha tsa thhaloso</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p>	

Bete 22 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng
1.4 Tthalosa , bapisa , le Thulaganyo ya dipalo	<ul style="list-style-type: none"> Bapisa gore ke didiriswa dife tse pedi tse di kgobokantsweng tse di ntsi go, nnye go,lekanalego fittha ka palo 5 <p>Mottotto: Bala didiriswa go fittha ka 5 letsatsi le letsatsi Balela kwa pele le kwa morago go fittha ka 5 Balela kwa godimo o ipoeletsa 1-10</p> <p>Gatelela dikgopoloka ga "bontsi" le "bonnye".</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 5 Botsa gore o opile diatla gantsi/ganny</p> <p>Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Morutabana o baya didiriswa tse di farologaneng mo godimo ga tafole sekao dibikiri tse 2, diboloko tse 5 tse di tshwanang, dithini tse 4, dibuka tse 2. <p>Lellelela nbarutwana go:</p> <ul style="list-style-type: none"> Bala dipalo ya dibikiri le dithini.a go na le dibikiri dikel dintsi go feta dithini? Bala dipalo ya diboloko le dibuka. A go na le dibuka tse dinnye go na le diboloko?A go na le diboloko tse dini go feta dibuka? Bala dibuka le dibikiri.A ke didiriswa tse di lekanang kgotsa myaa? <p>Dirisa dikgonngwa ka ruta ka ga didiriswa tsa tekanothhakoretharo (3-D)</p> <ul style="list-style-type: none"> Barutwana ba dula mo mmetseng le go dira dinthaga tse pedi ka ulu. Morutabana o neela ka taelo sekao barutwana ba baya Dibadisi tse pedi mo teng ga sentihaga le tse 3 mo go se sengwe. Ke sentihaga sefe se se nang le dibadisi tse dintsi? Ke sentihaga sefe se se nang le tse dinnye? Morutabana o bletsLellelela barutwana go : le 5 kwa pele.O baya dibaga tsa mmala o o farologaneng mo diatlang a mongwe le mongwe. Ke letsogo lefe le le nang le dibaga tse dintsi? Ke letsogo lefe le le nang le dibaga tse dinnye? <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothhakorepedi (2-D)</p> <ul style="list-style-type: none"> Morutabana o supetsa dikarata tsekedimo tse pedi ka dipalo e e farologaneng le ya marontho le ditshwantsho. Lellelela barutwana go tshwantshisa dikarata tsekedimo le ditshwantsho le marontho le go supa dikgopoloko tse "dintsi go",nye go" le tse di lekana le" 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Dipina tsa dipalo le diraeme</p> <p>Dibekere tse 2, diboloko tse di tshwanang tse 5,meteme/dithini tse 4 ,dibuka tse 2</p>  <p>Morutwana mongwe le mongwe o newa dikarolo tse pedi tsa ulu le dibadisi tse 6</p>  <p>Dibaga</p> <p>Karata tsekedimo ya ditshwantsho le marontho a a akaretsang dipalo 1 go fittha ka 5</p>

Beke 22 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)	Sethogo	<p>2.1 Dipaterone tsa jeometeri</p> <ul style="list-style-type: none"> • Gatelela go kopisiwa ga paterone e e neetsweng <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Dira ka ditthopha o kopise paterone e e neetsweng sekao setilo,morutwana,settlo,moru twana. - Barutwana ba babedi,settlo se le sengwe,barutwana ba le babedi, settlo se le sengwe. Barutwana ditilo - Itaya leoto le le lengwe, itaya le lengwe, tioleta kwa pele,tioleta kwa morago. - Dirisa dikgongngwa go ruta ka ga didiniswa tsa tekanothakoretharo (3-D) - Morutabana o bopa paterone a dirisa Dibadisi le dikhurumelo tsa dibottolo sekao Dibadisi - Dibadisi, sekhumelo sa bottolo . Barutwana ba kopisa paterone. - Tsamya ka bonya,ka bonya, ka bonako,(Morutabana o Motlotlo a ntse a tsamaya). Dikhurumelo tsa dibottolo - Barutwana ba kopisa paterone. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Kgaoganya barutwana ka ditthopha di le tlhano.Naya setlhophha sengwe le sengwe ditshwantsho go dira dipaterone. - Barutwana ba bopa paterone ka ditshwantsho ba dirisa ditshwantsho tse di neetsweng sekao <ul style="list-style-type: none"> o Namune,apole,apole,namune. o Dirurubele,dirurubele,dinotshe,dinotshe. <p>Tirwana e, e ka tsenyelediwa mo botswereletsing jiwa pono mo serutweng sa dikgono tsa botshelo.</p>
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Bete 22 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dithrwanas tsa dipalo mo bekeng)										
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng								
3.3 Dipopegotekano thakorepedi (2-D)	<p>Gatelela kitso e amogetsweng mo bekeng ya bo6 e e akaretsang khutionne</p> <ul style="list-style-type: none"> Tsenyeletsa thuto ya ikatiso ya mmele mo serutweng sa dikgono tsa botshelo Metshameko ya go dirisa mmele <ul style="list-style-type: none"> - Thala khutionne mo lifelong la go tshameka le go lettelela barutwana go tiola mo khutionneg. lethakorenge lengwe, mathakore a mabedi, mathakore a mararo, mathakore a mane-mathakore othla a tshwana” - Lettelela barutwana go robatsa dithhogo go bapa le menwana ya morutwana ya barutwana, ba robala mo bojannyeng/fatshe/mmetssheng go bopha khuttonne e tonna - Lettelela dithhophha tsa barutwana go robala mo mmetssheng le go bopha dikhuttonne tse di nnye <p>Dirisa dikgonngwa go ruta ka ga didiriswa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Motsahameko: Morutabana o thala gerete mo lefelong la motsahameko. - Baya dipopego tsa tota sekao dipopego tsa Logi kgotsa setshwantsho popego mo bolokong nngwe le nngwe. - Morutabana o bitsa popego.. - Barutwana ba latlhela kgetsana ya dinawa mo bolokong e tsamaisanang le boloko e biditsweng <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Barutwana ba farologanye magareng ga bogolo le mmala wa dikhuttonne tse morutabana a di bakantseng.</p> <p>Lettelela barutwana go:</p> <ul style="list-style-type: none"> - Supa dikhuttonne go ya ka bogolo jo bo farologaneng, ba bue gore ke dikhuttonne dife tse ditonna thata, ke tsefe tse dinnye thata, le gore ke tsefe tse di mo magareng ka bogolo.. - Supa mebala ya dikhuttonne tse di farologaneng. <p>Tlhaola didiriswa go ya ka popego,bogolo le mmala</p> <ul style="list-style-type: none"> - Thaola didiriswa tse di farologaneng go ya ka mmala le popego 	<p>Khuttonne fa fatshe</p> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>Kgetsana ya dinawa</p>									Letsetsi 1

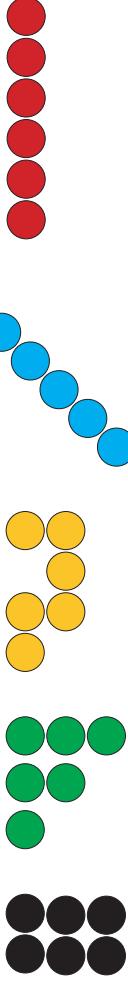
Beke 23	<p>Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposie e baakatsweng e kaelwa ke morutabana (mosako) ± 30 Metrosots ka letsatsi ± 5 metrotsots ditirwana tsa dipalo mo bekeng.</p>		
Sethogo	Dintitha tsa thaloso	Didiriswa tse di attenegisitsweng	Sebaka se se lekanyeditsweng
1.1 Didiriswa	<ul style="list-style-type: none"> Tiale letsasitso e e ba e amogetseng e e akaretsang dipalo 1 go fittha go 5 <p>Motlotlo: Bala dlio letsatsi le letsatsi go fittha go 5. Balela kwa pele le kwa morago go fittha go 5. Go balela kwa godimo o boeletsa 1-10</p> <p>Tialeletsos ya dikakanyo tsa bontsi le bonnye.</p> <p>Opa diaital gantsi...EAMA. Opa diaital go le gonnnye. Morutabana o opa a gwge ga 5 Botsa dipotsos goke palo e kae e e phaphathillweng gantsi \ nnye.</p> <p>Metsameko ya go dirisa mmele</p> <p>Tlaa re tshameke motshameko:</p> <ul style="list-style-type: none"> - Morutabana o tshameka sediriswa. - Barutwana ba dikologa <ul style="list-style-type: none"> - Fa moropa o ema, morutabana o bitsa palo magaang ga 1 le 15 - Barutwana ba ithulaganya ka dithophhana sekao, morutabana o bitsa palo 3, barutwana ba ithulaganya le dithophhana tsa 3 <p>Dirisa ditekatekanyetso tsa dipopego tse tharo (3) tse di kgongngwang</p> <ul style="list-style-type: none"> - Morutabana o baa diloka mmotwana mo godimo ga tafole, lettelela barutwana ba fopholetse gore ke dilo di le kae mo mmotwaneng ole. - Di ibalele morago ga moo. 	<p>Letsatsi 1</p> <p>Tilhaola ditirwana tse di rileng</p> <p>Didiriswa tse di attenegisitsweng</p> <p>Didiriswa tse di attenegisitsweng</p> <p>Moropa</p>	<p>Letsatsi 1</p>

Beke 23	Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposie e baakatsweng e kaelwa ke morutabana (mosako) ± 30 Metrosots ka letsatsi ± 5 metrotsots ditiwana tsa dipalo mo bekeng.							
Sethogo	Dintitha tsa thaloso	Didiriswa tse di attenegisisweng						
1.6	A re tshameke motshameko: Bothekeniki jwa go rarabolola mathata a dipalo <p>Morutabana o thala llere ya dipalo fa fatshe mo lebaleng .Dipalo tse di mo llereng di emetse dipalo tsa dinto ise barutwana ba nnang mo go tsona.</p> <p>Barutabana ba thlopha barutabana b aba dirisang go baleia ka moribo ba nnela taelo:</p> <ul style="list-style-type: none"> - Ka nako tsotthe ema mo go lefala(0) kgotsa simolola mo go lefela. Supetsa lefela (0) Supetsa gore lefela (0) le raya eng? (Ga go sepe) gore go bolelele sentiente go simolola gongwe 1. - Ka methha bala o tsamaya. - Morutabana o bolelela barutwana gore: o mo ntlong ya bo 2, ke ntlo ya palo ya 2?" - Ditaelo tse dingwe e ka nna "tsamaela go ntlo ya 3, tsamaela morago go ntlo ya dipalo ya 2 : Tsamaela pele kwa ntlong ya dipalo ya 4." - Morutabana a re: "ke mo ntlong ya 3, ke ntlo efe e e tlhang morago ga ya me ?" - Tsamaelo go ntlo ya 4. Tsamaya palo e le 1 kwa pele. Tsamaya dipalo tse 2 kwa morago. - Ema mo gare ga ntlo ya palo ya 3 le ya palo ya 5. 	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> </table>	0	1	2	3	4	5
0	1	2	3	4	5			
1.4	Tihalosa, bapisa le thulaganyo ya dipalo. <p>• Dirisa tihano (5) mo tirisong e e twaelegilieng</p> <p>Gore ba godise thulaganyo ,ottoetsa barutwana go:</p> <ul style="list-style-type: none"> - Go thuba ka thlhoggo dipalo tsa mogala tsar re kgotsa mme . - Go ithuta ka thlhoggo, atereye kwa gae. - Mogala/mogala wa letheka e tshwanetse go booletswa ka nako ya go bitsa rejiseta ya letsatsi le letsatsi 	<p>Letsatsi 1</p> <p>Mogala wa mme kgotsa re le dipalo ya mogala wa rre le atereye ya ntlo</p>						
3.2	<p>Didiriswa tsa tekatekanotha-koretharo 3-D</p> <p>• Aga o dirisa dilo tsa ditekanyetso tsa dipopego tse tharo tse di kgongngwang .</p> <p>Lettelela barutwana go: agelelel mgo tswa mo morutabaneng, sekao. O neela ditaelo tse di latelang :</p> <ul style="list-style-type: none"> - Aga terio e enang le bolelele jwa ya me. - Aga terio e e nang le bokhutshwane go ya me. - Aga torio e e nang le bogodimo go ya me. - Lettelela barutwana go : age dikago tsa bona ka go kopolo la mo setshwantshong se se neetsweng. 	<p>Letsatsi go tswelela</p> <p>Ditena tse di agang/ Lego ditena Didiriswa dingwe tsa go aga.</p>						

Beke 23	Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakatsweng e kaelwa ke morutabana (mosako) ± 30 Metrosotsotsso ka letsatsi ± 5 metrotsotsotsso ditinwana tsa dipalo mo bekeng.	Sethogo	Dintiha tsa thaloso	Didriswa tse di attenegisisweng	Sebaka se se lekanyeditsweng
3.1	"Latela ditaelo tsaga go simolola dipono tsa go ya kwa morago le go ya kwa" Maemo, kitsiso le dipono Metsameko ya go dirisa mmele - Ka go simolola, gatelela, kitso e ba e boning mo bekeng ya 8.				Letsatsi 1
	Go dirisa ditekaryetso tsa dipopego tse tharo tse di kgongngwang - Thala tshekeltsaa e kgolo, khutlotharo, kgotsa khuttonne mo lethare la pampiri o e bee fa fatshe) fulurung. - Lettelela barutwana go: ba tsamaisse koloi ya go tshameka mo meleng, barutwana ba go bolelele gore ba tsamaela ntheng efe. Koloi e tsamaela (kwa pele le kwa morago) dirisa letsogo la moja le la molema o dirisa seatla sa molema le moja.		 Thalo tsa dipopego tsa dikarolwana tsa pampiri. Koloi ya go tshameka		
	Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) - Lettelela barutwana go: itemogele dipono tsa go ya kwa pele \ kwa morago ka go supetsa nthha mo setshwantshong, sek: nthha e koloi e tsamaelang kwa go yona, nthha e motho a tsamaelang kwa go yone.			Ditshwantsho tse di supetsang nthha. Sekao.	Nthha e koloi e tsamaelang kwa go yona. Nthha e motho a tsamaelang tteng.

Beke 23	<p>Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposie e baakatsweng e kaelwa ke morutabana (mosako) ± 30 Metrosotsotsso ka letsatsi ± 5 metrotsotsotsso ditirwana tsa dipalo mo bekeng.</p>		
Sethogo	4.2 Boleele	<p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Bapisa dikgongngwa le thulaganyo ya didiriswa go dirisiwa titlofoko e maleba go thalosa boleele Fopholetsa boleele jwa didiriswa tse di fapaaneng. <p>Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Barutwana ba ithulaganya go tswa go yo mongwe go fitlha go yo motelele.Bapisa boleele jwa bona ka boleele jwa ditsala tsa bona. Tshameka “Sala moeteledipele morago” metshmeko. Yo moleele o diragatsa fa ba bangwe fa morago ga me bam o kopisa. Fetolela mola gape yo mokhutshwane e nne moeteleipele. Barutwana ba bapisa diaitala le maoto a bona go bona gore ke a ga mang a matelele le a makhutshwane. <p>Fopholetsa o be o lekanyets:</p> <ul style="list-style-type: none"> Barutwana ba fopholetsa gore ke selo se fe se leelele le gore ke se se fe se sekhutshwane sekao.boleele jwa tafole kgotsa dikarolwana tsa thapo. Fopholetsa gore ke selo se se feng se se leelele se sekhutshwane sekao ; pensile kgotsa dipensele tsa mafura... Tlogetla barutwana go iteka gore ke dilo tse dife tse di tha nnang tse di leelele go di feta sekao. Matlhaka a senotsididi a 2 a adilwe fa fatshe ka go lekalekana kgotsa dipensele di adilwe ka go lekalekana.. Botisa dipotsotse tse di jaaka :Ke efe e telele) e telele go di feta, pensile kgotsma karolwana ya thapo ?”jalo, jalo. Ke tafole ef e leng kgakala kgalkala go tswa motafoleng ya barutabana. Ke dipensele tse tkae tse di ka lekanang mo letlhakoreng le le telie le le ka lekanang tafole ya morutabana? O thoka disetepe tse tkae tse di ka go isang kwa mojakong 	<p>Didiriswa tse di attenegisisweng</p> <p>Sebaka se se lekanyeditsweng</p>
		<p>Matsatsi a mabedi (2)</p> <p>kgotsa</p> <p>Thophha fela ditirwana tse dinnye.</p> <p>Didiriswa tse di farologaneng jaaka, phensele, pensile tsa mebala, karolwana ya mogala, tafole,buka, mathhaka a go nwa. Jalo jalo.</p> <p>Didiriswa tse di farologaneng jaaka, phensele, pensile tsa mebala, karolwana ya mogala, tafole,buka, mathhaka a go nwa. Jalo jalo.</p> <p>Tlogetla barutwana go iteka gore ke dilo tse dife tse di tha nnang tse di leelele go di feta sekao. Matlhaka a senotsididi a 2 a adilwe fa fatshe ka go lekalekana kgotsa dipensele di adilwe ka go lekalekana..</p> <p>Botisa dipotsotse tse di jaaka :Ke efe e telele) e telele go di feta, pensile kgotsma karolwana ya thapo ?”jalo, jalo.</p> <p>Ke dipensele tse tkae tse di ka lekanang mo letlhakoreng le le telie le le ka lekanang tafole ya morutabana?</p> <p>O thoka disetepe tse tkae tse di ka go isang kwa mojakong</p> <p>Ke mabokiso a ma kae a mokgware , tladitswe ka mmu wa mothaba?</p> <p>Ke dikopi di le tsa mae di tletse ka metsi tse di ka tlatsang galase e?</p> <p>Mo re na le barutwana le ditulo tse tharo.</p> <p>Ke ditulo tse kae tse re di tlhokang?</p>	

Beket 24 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 dirirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Boleele jwa nako jo bo lekanyeditsweng	Letsatsi I
1.1 Bala didiriswa	<ul style="list-style-type: none"> • Itsise bokao jwa palo 6 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi Baleia kwa pele le kwa morago go fittha ka 6 . Baleia kwa godimo o ipoeletsi 1-10</p> <p>Gatelela palokemotatelo: Morutabana o paka didiriswa tse 3 mo moleng. Supa sediriswa sengwe le sengwe o ntse o bala ya nthya, ya bobedi, ya boraro Gatelela dikgopololo ka ga "bontsi" le bonnye"</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6</p> <p>Botsa gore o opile diatla gantsi/gannye</p> <p>Metshameko ya go dirisa mmeli</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Bala go fittha ka 6 a ntse a palama mathathogo. - Thala palo 6 mo mmung le go tsamaya/ttola ka leoto le lengwe. - Opa diatla ga 6. - Lemoga dipalo 1 go fittha ka 6 tsa sete ya matshwaopalo a matonha. - Pakolola dipalo ya ntlo kgotsa dipalo ya mogala a dirisa karata tsekedimo ya letshwaopalo e tonna. 	Dithusa-thuto tse di atlegenesitsweng		

Beke 24 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 ddirwana tsa dipalo mo bekeng)	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	<p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Bala didiriswa tse di mo phaposing.</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Botsa dipotsotse di tshwanang le: “ - Ke dipalo efe e latelang morago ga tharo, ke dipalo efe e tlang ka fa morago ga 5 jalo jalo?” <p>Morutabana o baya didiriswa mo thotong e e mo tafoleng. Letelela barutwana go: fopholetse gore didiriswa tse di mo thotong e e mo tafoleng di kae. Morago o di bale.</p> <ul style="list-style-type: none"> - Godisa temogo ya tshomarelo ya dipalo ka go lettelela barutwana go paka Dipadisi di le thataro kgotsa didiriswa tse di farologaneng sekao  <p>Fa o bala, dipalo ya didiriswa ga e amive ke bogolo kgotsa maemo kgotsa ke tsaa mofuta o o tshwanang sekao:</p> <ul style="list-style-type: none"> - Rulaganya ditalamata tse 6, dipensele 6, dihula hupu tse 6, barutwana ba le 6 jalo jalo. - Di bale ka thulaganya e e farologaneng sekao di bale di adilwe, di bapile, mo moleng kgotsa di pakilive. <p>Kgaoganya barutwana ka dithiphapha tse thataro. Naya setlaphpha diboloko tsa go aga tse thataro.</p> <p>Letelela dithiphapha:</p> <ul style="list-style-type: none"> - Bala diboloko tsa bone. - Aga terio ka diboloko ya bone ka diboloko tse 6. Rottoetsa barutwana go bala ditene fa ba ntse ba aga tori. - Morutabana o tsamaya go tswa go setlaphpha sengwe le go tshwaya ditorika karata tsekedimo ya dipalo. Barutwana ba bala dipalo ya ditor. Boeletsa seno makgetho a mantsi. - Thpa morutwana go latheela taese. O netefatsa gore morutwana mongwe le mongwe o bona taese. Barutwana ba bala dipalo ya marontho le go supa tori e e tsamaisanang le yona.. 	Didiriswa mo phaposing le mo tikologong.	Didiriswa dithusa-thuto tse di farologaneng go go naya dikakanyo gore o dirisa jang ditogamaano tse di farologaneng.	Morutwana a le mongwe o newa diboloko tse 6 tsa go aga

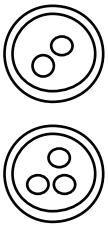
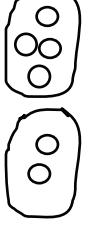
Beke 24 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 ddirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng	
1.3	Matshwapalo le dipaloina	<ul style="list-style-type: none"> • Itse I etshwaopalo le go lemoga leinapalo le le akaretsang palo 6 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi. Gatelela ddikgopololo ka ga "bontsi le bonnye". Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6 Botsa gore o opile diatla gantsi/gannye</p> <p>Metsameko ya go dirisa mmeli</p> <ul style="list-style-type: none"> - Thala dipalo 6 mo mmung le go Lettelela barutwana go tsamaya go bapa le dipalo. - Thala dipalo 6 mo mmung, mo moyeng. - Bopa dipalo 6 ka seloko ya go tshameka. - Lettelela barutwana go bonelepele gore go tlhokagala a le kae go bopa dipalo 6 ka mebele ya bone. Ba bopa 6 ka mebele ya bone. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Baya thoto ya didiriswa mo godimo ga tafole. Tshameka ka dipalo 1 go fittha ka 6 sekao. - Lettelela barutwana go phopholetsa gore go na le didiriswa di le kae?. - Bala didiriswa.. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Supa go tswa mo thakathakanong ya dikarata tsekedimo, dikarata tsekedimo tse di nang le ditshwantsho di le 6 mo go tsona le go di golaganya le dipalo e e tshwanang ya Dibadisi. - Supetsa dikarata tsekedimo tsa dishwantsho tse 6 le go di golaganya le dipalo e e tshwanang ya marontho le Dibadisi. - Supetsa dikarata tsekedimo tsa marontho a 6 le go di golaganya le letshwaopalo le dipalo e e tshwanang ya Dibadisi. - Supa go tswa mo dikaratenq tse di farologaneng tse di kwadilweng leinapalo thataro mo go tsone le go di golaganya le letshwaopalo le dipalo e e tshwanang ya Dibadisi. 	Letsatsi 1	Dipina tsa dipalo le diraeme	

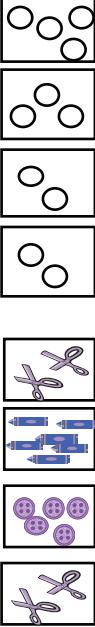
Beket 24 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 dithirwana tsa dipalo mo bekeng)	Dinthha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.13 Tihakanyo le Tlosos</p> <ul style="list-style-type: none"> Rarabolola ka go Motlotlo dipalo tse di neetsweng tsa go tlhkanya le go tlosa dipalo tsa dikarabo tse di fitlhag ka 6. <p>Motlotlo: Bala diciriswa go fitlha ka 6 letsatsi le letsatsi. Balela kwa pele le kwa morago go fitlha ka 6. Botsa potso gore ke dipalo efeng ya kopu ya diaflla e leng ntsi/nnye.</p> <p>Metshameko ya go dirisa mmele</p> <p>Dikao:</p> <ol style="list-style-type: none"> Morutabana o biletsetsela barutwana go: le 3 kwa pele. Barutwana ba ba a ba bala. Morutabana o bitsa gape ba le 2 le go botsa: barutwana bothle ba ba kae? 3 le 2→5 (morutabana a re 3 le 2 e go naya 5) Morutabana o pakolola ditulo tse 2. O oketsa ka tse 2. Go na le ditulo tse kae jaanong? 2 le 2 → 4 Morutabana o tsheletsatse se le sengwe. A re"bala menwana ya me, fa ke shuba monwana wa kgonope, o bona menwana e le kae? 5 o tlosa 1→4. Letelela barutwana go bala menwana ya seattia sa bone se le sengwe. Shuba monwana wa kgonope. O bona menwana e le kae? 5 o tlosa 1→4 the learners count the fingers on one of their hands. Hide your thumb; how many fingers do you see? 5 take away 1 → 4 	<p>Dipina tsa dipalo le diraeme.</p> <p>Barutwana Ditulo</p>	<p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo(3-D)</p> <p>Letelela barutwana go : pakolole diadisi le go dira se se latelang:</p> <ul style="list-style-type: none"> Morutabana o naya morutwana mongwe le mongwe Dibadisi di le 6. Morutabana o naya ditaelo mme barutwana ba araba sekao pakolola dibadisi di le 2, oketsa ka tse 3. Di kae tsothei? 2 le 3→ 5. Bala dibadisi tse 4, balela kwa pele ka tse 2 go tloga ka 4. O na le tse kae jaanong? 4 and 2 → 6. Bala dibaga tsothei tse o nang le tsone. Fa o fittha dibaga tse pedi mo seatleng sa gaggo, o bona dibaga di le kae? 6 tlosa 2 → 4. 	Dibaga kgotsa Dibadisi.

Beket 24 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 dithirwana tsa dipalo mo bekeng)		
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.13. Tlhakanyo le Tloso	<ul style="list-style-type: none"> Rarabolola ka motlotlo dipalo tsa mafoko tse di akaretsang palo 6 <p>Motlotlo: Bala diciriswa go fittha ka 6 letsatsi le letsatsi.</p> <p>Baleia kwa pele le kwa morago go fittha ka 6.</p> <p>Gatelela dikgopololo “bontsi le bonnye”.</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6</p> <p>Botsa gore o opile diatla gantsi/gannye</p>	Dipina tsa dipalo le diraeme	Letsatsi 1
	<p>Dirisa dikgonngwa tsa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dikai:</p> <ol style="list-style-type: none"> Mpho o na le dikuku di le 4 .Peter o mo naya gape tse 2. Mpho na le dikuku di le kae tsotthe? Beauty o na le dipopisi di le 3 le Martha o na le tse 2 dipopisi. Ke mangy o o nang le dipopisi tse dints! Tsa ga Beauty di feta tsa ga Martha ka tse kae? Go na le dinonyane tse 5 mo terateng, tse 2 di afoka.Go setse dinonyane tse kae ? Patrick o na le dikoloi tse 6 tsa go tshameka. Tiny o na le tse 4. Tiny o na le dikoloi tsa go tshameka tse kae? Tiny o na le dikoloi tsa go tshameka tse dimny tse kae go na le Patrick? Ngwana yo mongwe o na le nko e le nngwe. Bana ba bararo ba na le----- Ngwana yo mongwe o na le maoto a mabedi.Bana ba bararo ba na le..... Ngwana yo mongwe o na le diatla a le mabedi.Bana ba babedi ba na le..... Ngwana yo mongwe o na le molomo o le mongwe.Bana ba bararo na le..... 	<p>Dibadisi</p> <p>Dirisa dithusa-thuto tse di farologaneng go go naya kakanyo ya gore o dirisa jang ditogamaanaao tse di farologaneng.</p>	
3.2 Didiriswa tsa tekanothakoretharo 3-D	<ul style="list-style-type: none"> Aga kago ya tekanothakoretharo (3-D) go tsawa mo moakanyetsong kgotsa mo karateng ya setshwantsho <p>Lettelela barutwana:</p> <ul style="list-style-type: none"> Aga kago go tsawa mo moakanyetsong kgotsa seishwantshong. Barutwana ba dirisa thudi go šomela dibaga go ya ka tatelano ya setschwantsho se se neetsweng. 	<p>“Dipopego tsa Logi”Diboloko tsa bokgoni Sediriswa sengwe le sengwe sa go aga Dibaga,thudi ya setthako</p> <p>Dikarata tsekedimo tse di farologaneng tse di supetsang mothalo wa tatelano ya dibaga</p>	

Beket 25 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dirirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng						
Sethogo				Letsatsi 1						
1.1 Bala didiriswa.	<ul style="list-style-type: none"> Gatelela kitso e eamogetsweng mo dibekeng tse 24 e e akaretsang palo 6 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi. Balela ka pele le kwa morago go fittha ka 6. Balela kwa godimo o ipoeletsia 1-10</p> <p>Gatelela dikgopololo ka ga “bontsi le “bonnye” . Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6 Botsa gore o opile diatla gantsi/gannye</p>	<p>Dipina tsa dipalo le diraeme</p>								
	<p>Metshameko ya go dirisa mmele</p> <p>A re tshameke motshameko: Morutabana o bayya mo fatshe khateboto etonna ya motshameko ya dipopego palo kgotsa dikarata tsekedimo tse di akaretsang palo 1 go fittha ka 6 mo tateianong . Morutabana o neela bana taelo e tshwanang le:</p> <ul style="list-style-type: none"> - Dula mo godimo ga palo 6. - Bayya monnwana wa leoto mo godimo ga palo 3. - Taboga o potologe palo ya 2 gararo. - Tlola kwa godimo ga 1. - Morutabana a ka phathhalatsa matshwaopalo a bo a neela ka ka ditaelo tse di tshwanang le tse di fa godimo. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekatekanothakoretharo (3-D)</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Bala didiriswa mo phaposing tse di akaretsang 1 go fittha ka 6. - Morutabana o bayya thotho ya didiriswa mo tafoleng. Letelela barutwana go fopholetsa gore photo ya didiriswa di kae.Morago o di bale. 	<p>Sete ya dikhateboto tse di tonna tsa matshwaopalo O ka nna wa di penta mo dikarolwaneng tsa dikhateboto kgotsa tsa polasitiki</p> <table border="1"> <tr> <td>1</td> <td>6</td> <td>2</td> </tr> <tr> <td>3</td> <td>4</td> <td>5</td> </tr> </table>	1	6	2	3	4	5		
1	6	2								
3	4	5								

Beket 25 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dithirwana tsa dipalo mo bekeng)	Dintiha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo				Letsatsi 1
1.3 Matshwaopalo le go lemoga Dipaloina	<ul style="list-style-type: none"> Lemoga le go supa letshwaopalo le leinapalo le le akaretsang palo ya 6 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi. Baela ka pele le kwa morago go fittha ka 6.</p> <p>Gatelela dikgopololo ka ga “bontsi le “bonnye”. Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6</p> <p>Botsa gore o opile diatla gantsi/gannye</p>	<p>Dipina tsa dipalo le diraeme</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p>

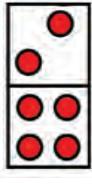
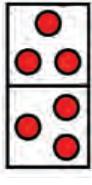
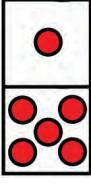
Beket 25 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.4 Thaloso le go bapisa le thulaganyo ya dipalo	<ul style="list-style-type: none"> Rulaganya le Bapisa didiriswa tse di kgobokantsweng o dirisa "ntsi go" le nnye go"le lekana le" go fittha ka palo ya 6 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi. Balela ka pele le kwa morago go fittha ka 6.</p> <p>Gatelela dikgopololo ka ga "bontsi le "bonnye". Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 6</p> <p>Botsa gore o opile diatla gantsi/gannye</p>	<p>Tlhopa ditirwana tse di mmalwa</p> <p>Dipina tsa dipalo le diraeme</p>		Letsatsi 1	
	<p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Morutabana o baya dihupu tse pedi mo fatshe. O bitsl etlelela barutwana go : babedi go ema mo senthageng se le sengwe le barutwana ba le babedi go ema mo senthageng se sengwe. Ke senthaga sefe se se nang le barutwana ba bantsi? <p>Dirisa dikgongwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> Barutwana ba dula mo mmetshteng ba dire dinthaga tse pedi ka ulu. Morutabana o neela ka taelo sekao barutwana ba baya Dibadisi tse pedi mo senthageng le tse nne mo snthageng se sengwe. Ke senthaga sefe se se nang le dibadisi tse dints"i/tse "dinnye" Boeleltsa o dirisa palo ya 6. <p>Barutwana ba ka dira ditirwana tsa mo dithopheng, ka go dirisa dikhurumelo tsa bona le dipekese tsa diaparo</p>	<p>Dihula hupu tse 2</p>    	<p>Morutwana mongwe le mongwe o newa dikarolo tse 2 tsa wulu</p> <p>Dibadisi</p> <p>Morutwana mongwe le mongwe o newa dikarolo tse 2 tsa wulu</p> <p>Dibadisi</p> <p>Sekhurumelo sa Khuttonne</p> <p>Dipekese tsa diaparo</p>		

Beket 25 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.4 Thaloso le go bapisa le thulaganyo ya dipalo	Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) - Morutabana o supetsa dikarala tsekedimo tsa marontho a dipalo tse di farologaneng le ditshwantsho mo go tsone. 			Setshwantsho le karata tsekedimo ka marontho Pampiri ya A4 le kerayone ya mafura Dibadisi	
3.3 Maina a dipopego tsa tekatekany- etsothakorepedi (2-D)	• Dira le go feleletsa phasele ya gagwe ya 5 Letilela barutwana go: - Thala setshwantsho mo pampirng ya A4 . - Morutabana o thala mola mo morago ga pampiri e morutwana a thadileng setshwantsho mo go yona. - Morutwana o segolola setshwantsho sa gagwe mo methalong e e neetsweng . - Morutwana o feleletsa phasele ya gagwe.			Kerayone Pampiri ya A4 Dikerayone Dikere Enfelopo kgotsa e e itiretsweng go bayaa phasele mo teng(mena pampiri ya A4 le sekgomaretsi)	Letatsi 1

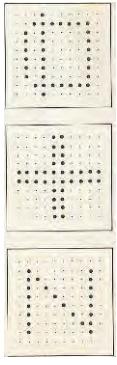
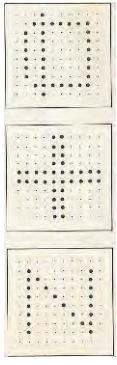
Beket 25 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsos e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng											
Sethogo		Dintitha tsa thaloso													
5.1	<ul style="list-style-type: none"> Dipalo ya dithhaka mo maineng a barutwana <p>Tharabololo ya dipalo: Bolelela barutwana palo: “A maina a nang le dithhaka tse thataro a itsoge thata”?</p> <p>Re kgona go battisisa jang? Re tshwanetse re kgobokanye tshedimosetso efe?</p> <p>Kgobokanya tshedimosetso</p> <ul style="list-style-type: none"> Barutwana ba bala dipalo ya dithhaka mo maineng a bone go tswa mo karateng ya leina le morutabana a mo diretseng yona. Morutabana o tsholetska karata tsekedimo ka dipalo e e tsamaisanang le dipalo ya dithhaka tsa maina a bone, o botseke mang yo o nang dithhaka di e 4 mo leineng la gagwe? o ntse o tsholetsse letshwaopalo. Boeletska ka dipalo tsotle <p>Thala kerafo</p> <ul style="list-style-type: none"> Morutabana o thala lenane le le latelang fa a ntse a tshwere dipalo: 														
5.2	<p>Thala kerafo go bontsha tshedimosetso</p> <p>5.3. Puiso le pegelo, kgobokanyo ka diidiriswa</p>	<table border="1"> <thead> <tr> <th>Dithhaka tse 3</th> <th>Dithhaka tse 4</th> <th>Dithhaka tse 5</th> <th>Dithhaka tse 6</th> </tr> </thead> <tbody> <tr> <td>Ann Sam</td> <td>Kady Mark Maja</td> <td>David Aidon Sarah Caleb Naila</td> <td>Sophie Jessie</td> </tr> <tr> <td>2</td> <td>3</td> <td>5</td> <td>2</td> </tr> </tbody> </table> <p>Buisa le go ranola lenane:</p> <ul style="list-style-type: none"> Ke dipalo efe e tshwananang mo dithhakeng tsa maina a lona? Ke maina a lekae a a nang le dithhaka tse di fetang 5 kgotsa 6. Ke maina afe a a nang le dithhaka tse dinnye go 5? Maina a marano. 	Dithhaka tse 3	Dithhaka tse 4	Dithhaka tse 5	Dithhaka tse 6	Ann Sam	Kady Mark Maja	David Aidon Sarah Caleb Naila	Sophie Jessie	2	3	5	2	
Dithhaka tse 3	Dithhaka tse 4	Dithhaka tse 5	Dithhaka tse 6												
Ann Sam	Kady Mark Maja	David Aidon Sarah Caleb Naila	Sophie Jessie												
2	3	5	2												

Beke 26 Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaewa ke morutabana)/(mosako)t metsotsot e le 30 ± 5 ditirwana tsa dipalo mo bekeng	Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di attlenegesitsweng	Boleele jwa nako jo bo lekanyeditsweng
<p>1.1</p> <p>Bala didiriswa</p> <ul style="list-style-type: none"> Gatelela kitso e ba e boning o tsenyeletsa dipalo 1 go fittha 6 <p>Motlotlo: Bala dillo ka letsatsi go fittha go 6.</p> <p>Baleia kwa pele le kwa morago go fittha go 6.</p> <p>Gatelela dikakanyo tsa bontsi le bonnye”.</p> <p>Opa diatla gantsi ...EMA</p> <p>Opa diatla ga nnye .Morutabana o opa diatla go fitthela go 6</p> <p>Botsa potso gore ke diatla dife a opilweng gantsi \ go le gonye</p> <p>Metsameko ya go dirisa mmelé</p> <p>Letelela barutwana go ::</p> <ul style="list-style-type: none"> - Ba age matshwao a palo ka mebele ya bona. - Tshwarelela dipalo tsa menwana ka ditaelo tsa morutabana. - Bopa matshwao a palo ka dikarolwana tsa mogala kgotsa seloko/mmopa - Tshwara dipalo popego tsa Khaboto ka mo kgetseng le go thaoela palo e nngwe le e nngwe. - Kwala matshwao a palo 1 go fittha 6 fa fatshe kgotsa mo moweng, 	<p>Dipalo moribo le dipina</p>	<p>Dipalo moribo le dipina</p>	<p>Disete ise pedi tsa khaboto</p> <p>Dipalo tsa dipalo mo kgetseng ya go tshwarega.</p>	<p>Letsatsi</p>

Beke 26	Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana)/(mosako)t metsotsot e le 30± 5 ditirwana tsa dipalo mo bekeng		
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	Dirisa dilo tsa ditekanyetsos tsa dipopego tse pedi tse di kgonggwang : Balele dilwana mo phaposing o tsenyeletsa go fittha go 6	Dilwana mo phaposing Dibadisi tse di nang le mebala dikhububiki (khubuki e le nngwe)	Dilwana mo phaposing Dibadisi tse di nang le mebala dikhububiki (khubuki e le nngwe)
1.3 Matshwaopalole dipaloina	• Itse matshwapalo le go lemoga dipalofoko o tsenyeletsas dipalo go fittha 6 Go Motlotlo: Bala letsatsi le letsatsi dilwana go fittha go 6. Balela kwa pele le kwa morago go fittha ka 6. Gatelela dikakanyo tsa bontsi le bonnye” . Opa diaitala gantsi ...EMA Opa diaitala ga nnye .Morutabana o opa diaitala ga (6) ga rataro. Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) Tiaa re tshameke motshameko: - Morutabana o kwala dipalofoko mo karateng le matshwao mo letjikoreng le lengwe ka yona karata tsekedimo go tsenyeletsas dipalo go simolota ka 1 go fittha go 6 (Dira sete e nngwe)). - Barutwana ba bala dipalofokole go phopholetsas matshwaopalole - Ba fetolela karata tsekedimo le go siamisa (go itshiamisa).	Letsetsi 1 Bopel jwa karata tsekedimo Bomorago jwa karata tsekedimo Thataro 6	Dikarata tsekedimo tse di akaretsang dipalo 1-6 le dipalofoko mo lethakoreng le lengwe le letshwao la dipalo mo lethakoreng le lenwe . (Dira disete tse di mmalwa gore ngwana mongwe le mongwe a nne le karata tsekedimo ya gagwe.)

Beke 26 Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana)/(mosako)t metsotsot e le 30 ± 5 ditirwana tsa dipalo mo bekeng	Sethogo Tihakanyo le Tloso	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Ka molomo rarabolola dipalofoko mo tirisong le go tlhalosa ditharabololo tsa bona mo dipalong tse di tsenyeletsang palo ya thataro (6). <p>Go Motlotlo: Bala letsatsi le letsatsi dilwana go fittha go 6.</p> <p>Balela kwa pele le kwa morago go fittha ka 6.</p> <p>Gatelela dikakanyo tsa bontsi le bonnye”.</p> <p>Opa diatla gantsi ...EMA</p> <p>Opa diatla ga nnye. Morutabana o opa diatla ga (6) ga thataro.</p> <p>Dirisa dilo kgotsa ditshwantsho tsa ditekatekanyetsos tsa dipopego tse tharo tse dikgongwang</p> <p>1. Neela morutwana yo mongwe pampiri ya A4 e thadiiwe mola oo tsepameng le go balela dibadisi di le 6 sekao.</p> <p style="text-align: center;"><input type="text"/> <input type="text"/></p> <p>2. Lettelelela barutwana gore ba latthele dibadisi ka tlhokomelo mo lethare la pampiri le go tlhalosa gore di wele jang..</p> <p style="text-align: center;"> </p> <p>3. Boeletsa ka dipalo 1 go fittha go 5 gape le.</p> <p style="text-align: center;"></p> <p>4. Go rarabolola dipalo: Tihalosa tharabololo ya gago ya dipalo.</p> <p>5. Dira se gape ka dipalo tsa go tloso</p>	<p>Dithusa-thuto tse di attenegesitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi</p>
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<p>Beke 26</p> <p>Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana)/(mosako)t metsotsot e le 30± 5 ditirwana tsa dipalo mo bekeng</p>	<p>Sethogo</p> <p>Dintiha tsa thaloso</p>	<p>4.4 Mothamo/bolumu</p> <ul style="list-style-type: none"> Simolola dikakanyo tsa go lekanyetsa boleng ka go bapisa gore ke ditsela tse kae tse di thokegang. sekao <ul style="list-style-type: none"> “gagosepelleoleatletsese” “bontsi go’bonnye go” Bontsilbonnye <p>Simolola mothamo go barutwana ka go botsa gore ke setshelo sefe se se tshotseng bontsi go feta.</p> <p>Barutwana ba dira dipapiso ka boleele le go na le mothamo .</p> <p>Sekao, Ke efe e etshotseng go feta, setshelo sefe se se tshotseng bontsi go feta, a ke setshelo se se khutshawane kgotsa se se leeie? Bontsi jwa barutwana ba tla thophaa setshelo se se teilele le fa se se khutshwane tota se tshotse seedi se se ntsi.</p> <p>Motshameko wa go dirisa mmele</p> <p>“Bontsil bonnye”</p> <ul style="list-style-type: none"> Dirisa setshelo se le sengwe jaaka, selekanyetsa sa go lekanyetsa. Sekao. Kopi ya yokate. Neela barutwana ditshelo tsa di farologaneng. Barutwana: Ba batte gore ke setshelo se fe se se tshotseng bontsi kgotsa bonnye jaaka go kopii ya yokate, Ke setshelo sefe se see nweleng thata? Ke setshelo sefe se se tshotseng go le go nnye?” <p>Neela barutwana letshwao la go ja le kgamelo ya bothhaba go tshela mimu ka mo kopining.</p> <p>Lettelela barutwana go :: :</p> <ul style="list-style-type: none"> Balele gore ke maswana a makae a mmu a a tladitseng kopii kelelo a aka dirwang go nna thata ka go neela ditshelo tse di fetang sekao. Kopi, galase ya polasitiki, jeke e nnye Boeletsa tirwana o dirisa dikopi.
		<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Tlhopha tiro e le nngwe kgotsa tse pedi.</p> <p>Letatsi 1</p> <p>Dithusa-thuto tse di attenegesitsweng</p> <p>Metsi (Ka nako ya motshameko wa metsi) le mothaba (Kwa kgaolong ya mothaba ke mafoko a siameng go aga boleng</p> <p>Ditshelo tsa mefuta ka dipopego tse di farologaneng le bogolo</p> <p>Kopi ya yokate</p> <p>Kgameloo e na le mothaba Kopi Leswana la go ja</p>

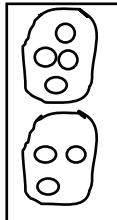
Beke 26 Tirwana e le nngwe ya phaposi e baakantsweng e kaewa ke morutabana/(mosako)t metsotsotso e le 30 ± 5 ditirwana tsa dipalo mo bekeng	Sethogo Maemo, kitsiso le dipono	<p>Dintitha tsa thaloso</p> <p>Lefelo la dilwanaa tse pedi kgotsa go feta mo kamanong le tse dingwe.</p> <ul style="list-style-type: none"> Didiriswa tse di kgonngwang tse dii nang le dilo tsa ditekanyetsotso tsea dipopego tse tharo. <p>Papeta ya go dira:</p> <p>A morutwana pele ba dirisa letsogo la moja morago letsogo la mollema, le le diaita otihe baya dipekere mo papetianeng .</p> <ul style="list-style-type: none"> - Morutabana o bolelela barutwana gore ba beye dipekere fa kae? Sekao: <p>Mo moleng o o kwa godimo Mo moleng o o kwa tlase Mo letsogong la molema Mo letsogong la moja Mo magareng</p> <p>Letelela barutwana :</p> <ul style="list-style-type: none"> - Ba dire dibopego mo papeteng ya dipekere ka dipekere tse dii nang le mebala - Morutabana o bopa paterone e bonolo ka go dirisa dipekere, mo papeteng ya dipekere. Barutwana ba kopolola paterone ya gagwe. - Barutwana ba kopolola paterone go tswa mo karateng e e nang le paterone e e thadilweng mo go yona.. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Papetlana ya dipekere ya morutwana yo mongwe le yo mongwe kgotsa ka ditphophia. Dikarata tsekedimo tsa dii nang le dipatorone tse dii thagisitsweng mo go tsona..</p> 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Papetlana ya dipekere ya morutwana yo mongwe le yo mongwe kgotsa ka ditphophia. Dikarata tsekedimo tsa dii nang le dipatorone tse dii thagisitsweng mo go tsona..</p>
Beke 26 Tirwana e le nngwe ya phaposi e baakantsweng e kaewa ke morutabana/(mosako)t metsotsotso e le 30 ± 5 ditirwana tsa dipalo mo bekeng	Sethogo Maemo, kitsiso le dipono	<p>Dintitha tsa thaloso</p> <p>Lefelo la dilwanaa tse pedi kgotsa go feta mo kamanong le tse dingwe.</p> <ul style="list-style-type: none"> Didiriswa tse di kgonngwang tse dii nang le dilo tsa ditekanyetsotso tsea dipopego tse tharo. <p>Papeta ya go dira:</p> <p>A morutwana pele ba dirisa letsogo la moja morago letsogo la mollema, le le diaita otihe baya dipekere mo papetianeng .</p> <ul style="list-style-type: none"> - Morutabana o bolelela barutwana gore ba beye dipekere fa kae? Sekao: <p>Mo moleng o o kwa godimo Mo moleng o o kwa tlase Mo letsogong la molema Mo letsogong la moja Mo magareng</p> <p>Letelela barutwana :</p> <ul style="list-style-type: none"> - Ba dire dibopego mo papeteng ya dipekere ka dipekere tse dii nang le mebala - Morutabana o bopa paterone e bonolo ka go dirisa dipekere, mo papeteng ya dipekere. Barutwana ba kopolola paterone ya gagwe. - Barutwana ba kopolola paterone go tswa mo karateng e e nang le paterone e e thadilweng mo go yona.. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Papetlana ya dipekere ya morutwana yo mongwe le yo mongwe kgotsa ka ditphophia. Dikarata tsekedimo tsa dii nang le dipatorone tse dii thagisitsweng mo go tsona..</p> 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Papetlana ya dipekere ya morutwana yo mongwe le yo mongwe kgotsa ka ditphophia. Dikarata tsekedimo tsa dii nang le dipatorone tse dii thagisitsweng mo go tsona..</p>

Beket 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotse le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> • Itsise bokao jwa palo 7 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsatsi le letsatsi. Balela ka pele le kwa morago go fittha ka 6. Balela kwa godimo o ipoeletsas</p> <p>Gatelela go bala palokemotatelan: Morutabana o paka didiriswa tse 3 mo moleng. Supa sidiriswa se sengwe le se sengwe o ntse o bala gantha,gabobedi,gaboraro,gane.</p> <p>Gatelela dlkgopololo “bontsi” le “bonnye” .</p> <p>Opa diaitla gantsi.....EMA. Opa diaitla go gonye. Morutabana o opa diaitla go fittha ka 7 Boisa gore o opile diaitla gantsis/gannye</p> <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutabana o kgaoganya barutwana ka dithophpha. Naya setthopha se le sengwe dibolo rse 7 tse di diriweng ka kuranta. - Lettelela barutwana go lathela dibolo mo teng ga seroto . Barutwana ba tshwanetse go balela kwa godimo ba ntse ba lathela dibolo mo seroto . - Bala gore morutabana o itaya tafole ga kae mmre barutwana ba mo etsisa. - Bala go ya ka moretheto o barutwana ba tlolang ka one mo teng le kwa ntle ga hupu. - Itanya maoto mo fatshe go ya ka moretheto o tlwaelegileng. 	<p>Diraeme tsa dipalo le dipalo</p> <p>Dibolo Isa kuranta Seroto</p>	Letsatsi 1	

Beket 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)				
Sethogo	<p>1.1 Bala didiriswa</p> <p>Dirisa dikgonngwa ka go ruta ka ga didiriswa tsa tekanyotlhakoretharo (3-D)</p> <p>Morutabana o bayra thoto ya diboloko tsa go aga mo fatshe. O naya barutwana taelo e e tshwanang le:</p> <ul style="list-style-type: none"> - Tsaya diboloko tse 3 go tswa mo thotong. - Tsaya diboloko tse 4 go tswa mo thotong, o busetse tse pedi jalo jalo. - Morutabana o baya thoto ya didiriswa mo tafleng. Littlelela barutwana go fopholetsa gore didiriswa di kae mo thotong. Morago di bale.. - Godisa temogo ka ga tshomarelo ya dipalo ka go ba lettelela go paka Dibadisi tse supa kgotsa didiriswa ka ditisela tse di farologaneng.sekao  <p>Fa o bala, palo ya didiriswa ga e amiwe ke bogolo kgotsa maemo kgotsa ke tsa mofuta o le mongwe. Sekao:</p> <ul style="list-style-type: none"> - Rutaganya ditalamata tse 7, diphensele tse 7.ditulahupu tse 7, barutwana ba 7 jalo jalo. - Ba bale ka tsela e e farologaneng sekao ba bale di adilwe, di bapile,mo moleng, di pakilwe <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>A re tshameke motshameko:</p> <ul style="list-style-type: none"> - Morutabana o thala le go kgomaretsa setshwantsho mo lethakorenq le le lengwe la karata tsekedimo, a bo a thala dipalo e e tshwanang ya marontho mo lethakorenq le lengwe la karata tsekedimo a akaretsang dipalo 1 go fittha ka 7(dira disete tse di mmalwa). - O naya morutwana mongwe le mongwe karata tsekedimo e le nngwe ya sete. - Barutwana ba bala dipalo ya ditshwantsho mo karateng. - Pitkolola karata tsekedimo le go bala dipalo ya marontho. - Morutabana o tsholetsa nngwe ya dikarata tsekedimo tsa gagwe tsa marontho mo go tsona. - Morutwana o bapisa karata tsekedimo ya gawe le ya morutabana ya marontho.. - Morutabana o tsholetsa sete ya dikarata tsekedimo tsa matshwaopalo mo go tsone. - Barutwana ba bapisa dikarata tsekedimo tsa bone le letshwaopalo la morutabana. - Morutwana wa karata tsekedimo e siameng, o ema a bala dipalo ya ditshwantsho kwa godimo. 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Diboloko tsa go aga le tsa lego</p> <p>Sete tse di mmalwa tsa ditshwantsho, marontho le dikarata tsekedimo tsa letshwaopalo le le akaretsang 1-</p> <table border="1" style="float: right; margin-right: 10px;"> <tr> <td>Setshwantsho sa didiriswa tse 7</td> <td>7</td> </tr> </table>	Setshwantsho sa didiriswa tse 7	7	<p>Boleele jwa nako jo bo lekanedyeditsweng</p>
Setshwantsho sa didiriswa tse 7	7				

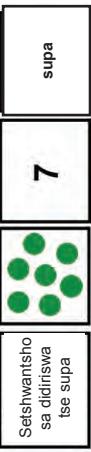
Beket 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)										
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng								
1.13 Tlhakanya le Tloso	<ul style="list-style-type: none"> Rarabolola ka go Motlotlo dipalo tsa go tlhakanya le go tlosa tse di neetsweng di akaretsa palo 7 <p>Motlotlo: Bala didiriswa go fittha ka 7 letsatsi le letsatsi. Baela ka pele le kwa morago go fittha ka 7.</p> <p>Gatelela dikgopololo ka ga "bontsi le "bonnye". Opa diatla gantsi.....EMA.</p> <p>Opa diatla go le gonnyc. Morutabana o opa diatla go fittha ka 7</p> <p>Botsa gore o opile diatla gantsi / gannyne</p>	<p>Dipina tsa dipalo le diraeme</p>	Letsatsi 1								
1.6 Botegeniki jwa go rarabolola mathata a dipalo	<p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Dirisa dipalo ya llere e rapaletsie Sinolola ka 0.Bala o nise o tsamaya. <p>Morutabana o botsa:</p> <ul style="list-style-type: none"> Ke dipalo efe e fa gare ga 4 le 6? Barutwana ba itemogela ka go dirisa llere ya dipalo. Ke dipalo dife tse fa gare ga 2 le 5? Dirisa dikakanyo tsa gago go Lettelela barutwana go itemogela bokao jwa palo 7 ka moretheto wa dirisa mebele ya bone. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Naya morutwana mongwe le mongwe dibaga di le 7 kgotsa dibadisi.</p> <p>Botsa barutwana dipotsa di tshwana le:</p> <ul style="list-style-type: none"> Tsamaisa padisi e le nngwe go ya kwa lethakoreng le lengwella molema Fa re tlhakanya padisi e nngwe gape mo dibadising tse di mo molemeng, go na le dibadisi di le kae jaanong? 1 le 1→2 (Morutabana a re: 1 le 1 ke 2) Tsamaisa dibadisi tse 4 go ya kwa molemeng. Fa re tlhakanya tse 2 gape mo dibadising tse di mo lethakoreng la molema, go na le tse kae jaanong? 4 le 2→6 O na le tse 5, o tlosa tse 2, o setse ka tse kae? 	<table border="1"> <tr> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> </table>	0	1	2	3	4	5	6	7	Dibadisi
0	1	2	3	4	5	6	7				

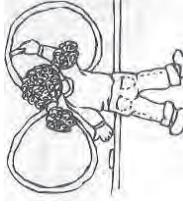
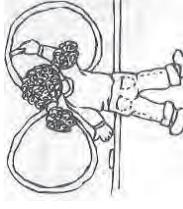
Beket 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.11 Tšhelete	<p>Lemoga le go tlhaola Tšhelete ya dipampiri a Aforika Borwa</p> <ul style="list-style-type: none"> - Dirisa tšhelete dipampiri sekao R10, R20, R50, R100, R200 - Lemosa barutwana ka diphologolo tse di mo tšheleteng a dipampiri. - Dira tiragatso ka tšhelete mo sekhwitwaneng sa ntlo. 	<p>Dikai tsa nneta tsa tšhelete a dipampiri R10, R20 le R50 (kgoswa dirisa tšhelete a go o tshameka)</p>	Letsetsi 1
1.9 Mo karolong dirisa dithophpha le go kgao ganya boeteledi pele	<ul style="list-style-type: none"> • Rarabololo ka go motlotlo le go tlhalosa ditharabololo tsa dipalo tsa maroko mo tirisong (dipalo tsa kgang-khutswe) tse di akaretsang: - Go kgaoganya ka go lekana, - Go kokoanya ka dithophphatsa palotlao le - Ditharabololo tsa disala go fittha ka 7 <p>Motlotlo: Bala didiriswa go fittha ka 6 letsetsi le letsetsi. Baela ka pele le kwa morago go fittha ka 7.</p> <p>Gatelela dikgopololo ka ga “bontsi le “bonnye” . Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 7 Botsa gore o opile diatla gantsi/gannye</p>	<p>Dipina tsa dipalo le raeme</p>	Letsetsi 1

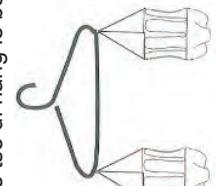
Beke 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 dittirwana tsa dipalo mo bekeng)	
Sethogo	<p>1.9 Mo karolong dirisa ditlopha le go kgao ganya boeteledi pele</p> <p>Metsameko ya go dirisa mmelle</p> <p>Bopa disete o dirisa barutwana:</p> <p>Dikao:</p> <ol style="list-style-type: none"> 1. Lettelela barutwana go:bopa ditlophapha tsa 2, 3, 4, 5 le 6.Bala gore ba bakae mo setthopheng. 2. Thala dipopego tse di tonna mo samenteng kgotsa mo mothabeng . Barutwana ba dira setthophha sa sekao barutwana ba ba 4 mo gare ga popego. 3. Ka nako ya thwaelo ya dilapodisi morutabana a re:"Lo ka tsamaya ka ditlophapha tsa 4 go ya go tlhapa diaffa go na le gore a re : "Barutwana ba le ba 4 ba tsamaye ba ye go tlhapa diaffa" 4. Tlhopha barutwana ba le 7 go dirisa raeme ya go bala. 5. Letia barutwana ba le 7 go itira e kare ke dinonyane le go dira o kare ke setthare, ba dirise didiriswa tsa go palame kwan ntle kgotsa ditulo le ditlophapha mo phaposing. 6. Morutabana o romela dinonyane tsa 2 kwa go ba ba itirileng o kare ditlhare (barutwana ba le 2 ba palama didiriswa) Nonyane e nngwe e ya kwa setthareng nako e nngwe le e nngwe."Go na le dinonyane di le kae mo setthareng" le gore go na le dinonyane di kae mo affshe? 7. Boletska ka go kokoanya barutwana ka ditlophapha tsa palo 1-7 <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dikao:</p> <ol style="list-style-type: none"> 1. Morutabana o naya barutwana dibadisi.Lettelela barutwana go dira sete tse 4 tse dibadisi. Dira sete e nngwe ya ga 3."Go na le Dibadisi di le kae mo seteng e e ntshwa. 2. Lettelela barutwana go thala didiko tse pedi mo lethare la pampiri. Ka ditaelo tsa morutabana, barutwana ba aka dibadisi mo diseteng tse pedi gore go nne le dibadisi tse dintsisi mo seteng e nngwe go feta sete e nngwe. Botisa dipotsos di tshwana le "ke sete efe e e nang le dibadisi tse dintsisi/dimnye? 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dithusa-thuto tse di farologaneng go go naya kakanyo gore o tla dirisa ditogamaano tse di farologaneng jang.</p> <p>Didiriswa tsa go palama kgotsa ditlophapha</p>  <p>Didiriswa tsa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Dibadisi</p> <p>Lenathwana la pampiri le kerayone la morutwana mongwe le mongwe Dibadisi</p> 

Beket 27 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotse le 30 ka letsatsi (+ - 5 ditirwana tsa dipalo mo bekeng)		
Sethogo Mothamo /bolumu	<p>Dintiha tsa thaloso</p> <p>Bapisa dikgonngwa le go rulanya didiriswa o dirisa tlolofoko e maleba go tthaolsa:</p> <p>a) Mothamo b) Lolea, tlaise , gonye thata , gonisi thata, go le gonye.</p> <p>Gatelela kitso e o boneng mo bekeng o tsenyeletsatso mothamo.</p> <p>Motlotlo: Bala didiriswa go fitilha ka 6 letsatsi le letsatsi. Balela ka pele le kwa morago go fitilha ka 7.</p> <p>Gatelela dikgopoloka ga “bontsi le “bonnye” .</p> <p>Opa diatla gantsi.....EMA. Opa diatla go gonye. Morutabana o opa diatla go fitilha ka 7 Botsa gore o opile diatla go le gontsi/gonye</p> <p>Metshameko ya go dirisa mmelle</p> <p>Lettelela barutwana:</p> <ul style="list-style-type: none"> - Ruaganya ditshelo tse pedi kgotsa tse tharo tse di iolea ka tatelano ya mothamo. Ka mantswe a mangwe ke setshelo sefe se se kgonang go tshela seedi se se ntsi kgotsa se se nnye? Barutwana ba ka itemogela ka go tshela dikopi tsa metsi mo teng ga ditshelo tse di iolea le go bala gor e ke setshelo sefe se se tshelwang dikopi tse dintsitsha. Oketsa dipalo ya ditshelo tse di iolea go dira tirwana e boketenyana. - Barutwana ba ka nna ba dirisa yone kopi e, go lekanya le go thhamamisa gore ke dikopi tse kae tsa reisi kgotsa dinawa kgotsa mmu di tia tshelwang go tlatlsa ditshelo tse di dirisitsweng fa godimo. - Rulaganya mofuta o tsowanang wa ditshelo (sekao dikgameloo mo lefelong la mmu) go tswa go tse dinnye go ya go tse dittonna. - Naya barutwana ditshelo tse di farologaneng (bogolo jo bo farologaneng le dipopego) le go botsa dipotsio di tshwana le: <ul style="list-style-type: none"> o “Ke setshelo sefe se se o naganang gore se ka tshela metsi a,mantsi / mmu o montsi? o Fa o tshela metsi go tswa mo setsheleng se sengwe go ya go se sengwe, fopholetsa gore a se tla se tlatsa?” <p>Ditshelo tse di farologaneng ka popego le bogolo Metsi Mmu Dilwana di tshwana le majie a mannye,diboloko tsa Lego,diboloko tsa polasitiki</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Bolele jwa nako jo bo lekanedyeditsweng</p> <p>Malatsi 2</p> <p>Tlhopha ditinwana tse pedi kgotsa tsetharo.</p> <p>Dipina tsa dipalo le diraeme</p> <p>Ditshelo tse di farologaneng ka dipopego le bogolo jo bo farologaneng</p> <p>Kopi</p> <p>Dikgameloo tse di farologaneng go tswa mo lifelong la mmu.</p> <p>Ditshelo tse di farologaneng ka popego le bogolo Metsi Mmu Dilwana di tshwana le majie a mannye,diboloko tsa Lego,diboloko tsa polasitiki</p>	

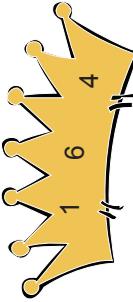
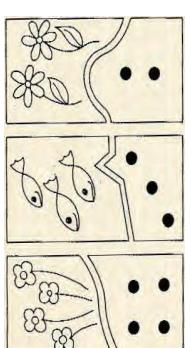
Bekete 28 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ - 5 dithirwana tsa dipalo mo bekeng)	Dintiha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Gatelela kitso e amogetsweng e akaretsa palo 7 Motlotlo: Bala didiriswa go fittha ka 7 letsatsi le letsatsi. Baela ka pele le kwa morago go fittha ka 7. <p>Gatelela dikgopololo ka ga “bontsi le “bonnye” . Opa diatia gantsi.....EMA.</p> <p>Opa diatia go gonye. Morutabana o opa diatia go fittha ka 7</p> <p>Botsa gore o opile diatia gantsi/gannyne</p>	<p>Diraeme tsa dipalo le dipina</p>	Letsatsi 1	
Sethogo	<ul style="list-style-type: none"> Metshameko ya go dirisa nmmele <ul style="list-style-type: none"> Barutwana ba le babedi ba bilediwa kwa pele. Barutwana ba bangwe ba a ba bala. Barutwana ba babedi fa pele ba tshwara dipalo e nyalanang le letshwaopalo. Biletsa morutwana a le mongwe gape kwa pele. Barutwana ba bangwe ba a ba bala. Morutwana yo mongwe kwa pele o tshwara letshwaopalo la 3 Tswelela go fitthela go nna le barutwana ba le 7 kwa pele. <p>Dirisa dikgongnwa go ruta ka ga didiriswa tsa tekanothlakoretharo (3-D)</p> <ul style="list-style-type: none"> Baya Meteme/dithini tse 7 mo moleng sekao 	<p>Karata tssekedimo ya letshwaopalo tse di akaretsang 1 go fittha ka 7</p>  <p>Dithini tse 7 ka dipalo ya letshwaopalo kgomareswe ka fa ntle ga tsone. Dipeo kgotsa majie</p>	<p>Dikerayone le bekere</p> <ul style="list-style-type: none"> Lettelela barutwana go tsenya peo/eje mo teng ga thini ya nthia, dipeo tse pedi mo teng ga thini ya bobedi, dipeo tse tharo mo teng ga thini ya boraro, tswelela jalo go fitthela dithini tsotthe tse 7 di tsheletswe palo ya dipalo tsa dipeo tse kwadilweng kwa ntle ga thini. Tsayaya dikerayone tse di mmalwa (magareng ga 10 le 15) o di tsenye mo teng ga bekere. Botsa barutwana go fopholetsu gore di kae mo teng ga bekere. Buisana le barutwana ka karabo. Supetsa gore o di bala jang, ka go ttosa e le nngwe ka nako o di baya ka tatelano mo moleng. 	

Beket 28 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 dithirwana tsa dipalo mo bekeng)		
Sethogo	Dinthha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.3 Oitse letsshaopalole go lemoga paloina	<ul style="list-style-type: none"> Lemoga letsshaopalole go Paloina le le akaretsang palo 7 Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) <p>- Barutwana ba dula mo sedikong. Pitokolola dipalo ya karata tsekedimo mo pele ga morutwana yo mongwe le yo mongwe. (e ka na letsshaopalole, leinapalo, karata tsekedimo ka lerontho kgotsa karata tsekedimo ka setshwantsho e e akaretsang 1 go fittha ka 7)</p> <p>- Ruta barutwana go fetisetsa karata tsekedimo kwa morutwaneng yo mongwe o e pitokolose mo mmetsheng.</p> <p>- Barutwana ba opela: "Secret number" dipalo ya sephiri, e ka nna efe ? A ke okomele"</p> <p>- Barutwana ba okomela dikarata tsekedimo tsabone.</p> <p>- Morutabana o tsholetsa karata tsekedimo ya palo ya gagwe..</p> <p>- Morutwana yo nang le dipalo e tshwanang le ya morutabana, o a e tsholetsa a bo a re: ke tla tsholetsa karata tsekedimo ya me kwa godimo gore yo mongwe le yo mongwe a e bone. .</p>	  	Letsetsi 1
3.2 Dipopego tsa tekanothakoretharo 3-D	<p>Aga didiriswa tsa dikgonngwa tsa materiale.</p> <ul style="list-style-type: none"> Kopoloala kago go tswa no moakanyetsong kgotsa karata tsekedimo ya setschwantsho <p>Dirisa dikgonngwa go ruta ka ga tekanothakoretharo (3-D)</p> <p>- Morutwana o aga kago e e tshwanang le moakanyetso kgotsa setschwantsho.</p> <p>- Kopoloala moakanyetso o o tshwanang le wa setschwantsho o dirisa boroto ya diphekese.</p> <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Atolosa tirwana e, go botsweretshi jwa pono.</p> <p>- Naya morutwana mongwe le mongwe lethare le le nang le didiko tse di farologaneng, le dikhuttonne le dikhuttoharo.</p> <p>Lettelela barutwana go:</p> <ul style="list-style-type: none"> Segolola dipopego le go aga dikago tsa dipopego tsa tekanothakorepedi (2-D) mo lethare la pampiri le go e kgomaretsa. Kgabisa setschwantsho ka methalo.. 	<p>"Dipopego tsa Logi" diboloko tsa bokgoni "diboloko tsa tlhaloganyo" Sediriswa sengwe sa go aga. boroto ya dipekese</p> <p>"Dipopego tsa Logi" diboloko tsa bokgoni "diboloko tsa tlhaloganyo" Ka tsweletso</p>	<p>Letsetsi 1</p> <p>Didiko, dikhuttoharo le dikhuttonne tse di tonna le tse dinnye tse di farologaneng mo lethareng la pampiri.</p> <p>Dikere, sekgomaretsi</p>

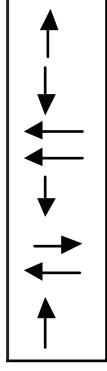
Beke 28 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	
Sethogo	Dintitha tsa thaloso	Boleele jwa nako jo bo lekanyeditsweng
3.4 Tekano	<ul style="list-style-type: none"> Lemoga bokgoni jwa go kgabaganya molagare Godisa bokgoni jwa go kgabaganya mola-gare Metshameko ya go dirisa mmele <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Lebelela gape kitso e e amogetsweng: ama dikarolo tse di farologaneng tsa mmele go ya ditaello. Tshameka "Simple Simon says" - Tswelela go neela ka ditaello, mo barutwana ba tshwanetseng go kgabaganya molagare jaak go : "ama lengwe la gago ka nko. ama legetta la gago ka tsebe. ama lengole la gago la molema ka leoto la moja, ama sekgono sa gago ka ka letsogo le lengwe. Jalo jalo 	<p>Motshameko: "Bonolo Simon a re, ama</p> 
	<p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanyothihakoretharo (3-D)</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Thala didiko tse di tonna mo patikwalelong. - Thala mela e thamaletseng mo patikwalelong. Neteftsa gore morutwana o fapaanya mola wa gare. - Mo patikwalelong o thala mola go tswa mo leronthong le lengwe go ya go le lengwe le le kgakala. - Thala setshwano sa robedi se rapaletseng mo patikwalelong. Dirisa motsamao o motonna go netefatsa gore morutwana o kgabaganya mola gare. (morutwana o dirisa letsogo la molema le letsogo la moja) 	<p>Barutwana o thala mo patikwalelong</p> 

Beket 28 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo Boima /Mmese	<p>Bapisa dikgonngwa le thulaganyo ya didiriswa o dirisa tititofoko e maleba go thalosa:</p> <ul style="list-style-type: none"> - Mmesel/boima Sekao: Bofefo , boima , bofefo thata , boima thata. • Itsise kgopoloka ga boima o Bapisa boima jwa didiriswa tse di farologaneng sekao: <p>Bofefo / boima</p> <p>Bothofonyana / boima thata</p> <p>Go lekanya boima go raya go battisisa gore selo se boima go le go kae.</p> <p>Metshameko ya go dirisa mmelle</p> <p>Letelela barutwana go fopholetsa boima jwa didiriswa:</p> <ul style="list-style-type: none"> - Tshwara didiriswa tse di latelang, se sengwe le se sengwe mo letsogong le lengwe le lengwe, barutwana ba fopholetsa gore ke sefe se se boima kgotsa bofeso sekao . o Lejwe le boloko jwa go aga. o Koloi ya go tshameka ya polasitiki le ya tshipi. o Thini ya kofi le pampiri ya kwa ntwaneng. o Bolo e tonna ya rabara le bolo ya kerikete. o Lejwe le boloko jwa go aga. <p>Ka gale barutwana ba battisisa gore didiriswa tse di tonna di boima fa ba kopika go fopholetsa ka boima jwa didiriswa tse pedi.</p> <ul style="list-style-type: none"> - Itsise ka sekale sa go lekanya boima sekao lekanyetsa didiriswa go bona gore ke barutwana bafe ba ba neng ba siame. - Botsa dipotsa di tshwana leke sediriswa sefe se se boima thata/bofefo thata? Leteletela barutwana gore ba batie sediriswa se ba gopoliang gore se boima go feta didiriswa tse o di lekanyeditseng mo sekaleng mo phaposing. - Dira gore sekala sa go lekanyetsa se ne teng ka nako ya motshameko o o lokolosegileng, gore barutwana ba tswelele ka ditirwana tsa go lekanyetsa boima. - Neelia ka sekale mo sekhutwaneng sa ntio gore barutwana ba kgone go bona gore ke dibololoko tsa lego di le kae tse di nang le boima jo bo tshwanang sekao apole 	<p>3-D Didiriswa tse di farologaneng ka boima le bogolo sekao. Lego diboloko, mpompo, kago, (metemejedithini, ditshelo jj.. Go lekanya boima go raya go battisisa gore selo se boima go le go kae.</p> <p>Sekale sa go lekanyetsa</p> <p>O ka nna wa itirela sekale se se bothhofo:</p> <ul style="list-style-type: none"> - O thoka hangere ya polasitiki, - Didiriswa tsa majorini tsa polasitiki tse di kgolokwe kgotsa dibotolio tsa senotsididi le thudi e e nyne. - Phunya mahuti a mabedi go lebagana le le lengwe, mo sedirisweng sa majorini/bottolo ya senotsididi. - Golega sediriswa sa majorini/bottolo o na le sekale. - Pega hangere mo sepekereng kgotsa mo hukung, barutwana ba ka simolola go lekanya didiriswa. - Supetsa barutwana gore hangere e tshwanetse go nna mo selekanong nako nngwe le nngwe o lekanyetsa didiriswa. 		

Bekte 29	Nako e e tshitshintsweng ya go Ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana±30 metsotsotso mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)		
Sethogo	Dintiha tsa thaloso	Didriswa tse di attenegisisweng	Sebaka se se maleba
1.1	<ul style="list-style-type: none"> Tlaletsa kitso e ba boneng e akaretsang dipalo tsa 1-7 <p>Motlotlo: Bala dilo letsatsi le letsatsi go fittha 7. Balela kwa pele le kwa morago go fittha 7. Go balela godimo o boeteisa 1-10</p> <p>Tlaletso ya dikakanyo tsa "bontsi" "le" bonnye".</p> <p>Opa diatla gantsi ...EMA Opa diatla gangwe. Morutabana o opa a gagwe ga 7. Botsa potso gore ke palo efe e e phaphathilweng go le gontsi lnnye.</p>	<p>Dipina tsa dipalo le moribo</p> <p>A bautwana ba :</p> <ul style="list-style-type: none"> Ba kgobokanye dithupa Di beye mo phaposing go di dirisa gape. Dirisa dithupa tsa gago sekao.: Go kwala letshwao la tlhano(5). <p> kgotsa jalo, jalo</p>	Letsatsi 1
	<p>O dirisa dilo tsa ditekanyetso tsa dipopego tse pedi tse di kgongnwang</p> <p>A bautwana ba :</p> <ul style="list-style-type: none"> - Ba kgobokanye dithupa Di beye mo phaposing go di dirisa gape. - Dirisa dithupa tsa gago sekao.: Go kwala letshwao la tlhano(5). <p> kgotsa jalo, jalo</p> <p>Letelela barutwana go :</p> <ul style="list-style-type: none"> - Dirisa sete ya dikarata tsekedimo tsa folasha tse di tsenyeletsang 1 go fittha go 7. - Thala palo tsa dilo ka taelo ya morutabana.Sekao Thala didiko tse pedi (2). - Bala go tloga mo palong e o neilweng:Sekao Morutabana o tla bala tharo. Barutwana ba tla bala nne, tlhano, thataro. - Ka nako ya dijо morutabana o tla botsa: "Ke barutwana ba ba kae ba tshotseng semenlhise ya borokwa? Ba ba kae ba tshotseng semenlhise ya borotho jo bosweu? Ke tse dife tse dintsisi le dife tse dinnye?" - Morutabana o baya dilwana ka mokoa mo taroleng.O letlela barutwana go topohletsa gore ke dilwana tse kae mo mokoeng? di bale morago. 	<p>Ditshwantsho le dikarata tse dikgolwane tse di tsenyeletsang dipalo 1 go fittha go 7</p> <p>Letshwaopalo le dipuofoko, dikarata tsekedimo tse di tsenyeletsang dipalo go tloga 1 go fittha 7 sekao.</p> <p> 7 supa</p> <p>Pampiri le diphensele tsa mebalta</p>	

Bekete 29 Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana 30 metsotsotso mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)	Sethogo	<p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Lemoga letshwao la dipalo le le akaretsang dipalo 1 go fittha go 7 <p>Mottotto: Bala dilwana letsatsi le kaelwa ke morutabana 30 metsotsotso mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)</p> <p>Balela kwa pele le kwa morago go fittha go 7.</p> <p>Gatellea dikakanyo tsa “bontsi” “le” bonnye”.</p> <p>Opa diaitia gantsi ...EMA</p> <p>Opa diaitia gago qo le gonnyc. Morutabana o opadialla tsa gagwe go fittha go 7.</p> <p>Botsa potso gore ke palo efe ya kopo ya diaita e ntsi/e myye.</p> <p>Metshameko e e dirisang mmelle</p> <ul style="list-style-type: none"> Bayya karata tsekedimo ya letshwaopalo le legolotona mo phaposing kgotsa kwa ntle mo go tshamekelwang teng. Neela kgaolo eo ya lefatshes “palo” mme barutwana e le “Dipalo-thaka kgosi’ \ kgosigadi.” Bayya korone e diriweng ka karata tsekedimo ya lebokoso mo thogong ya morutwana yo mongwe le yo mongwe ka dipalo tse di kwadilweng sentie. Neela barutwana ditaejo jaana: <ul style="list-style-type: none"> Bana bothie ba ba apereng bokhibidu tlolela go 2. Bana bothie ka moriri o moleele tioletlang ka menwana go 6. 	<p>Didriswa tse di attenegisisweng</p> <p>Dipalo tsa dipuo le moribo</p> <p><input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> 2</p> <p>Karata tsekedimo ya letshwao palo e kgolo</p> <p>Dikorone tsa dipalo tse dintsii tsa morutabana yo mongwe le yo mongwe tse di dirileng ka khatebokoso, di na le dipalo mo go tsona</p> 	<p>Sebaka se se maleba</p> <p>Letsatsi</p> <p>Dipalo tsa dipuo le moribo</p> <p><input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> 2</p> <p>Karata tsekedimo ya letshwao palo e kgolo</p> <p>Dikorone tsa dipalo tse dintsii tsa morutabana yo mongwe le yo mongwe tse di dirileng ka khatebokoso, di na le dipalo mo go tsona</p> <p>Pampiri le korone</p> <p>Sete ya dipalo ya karata tsekedimo e e fetang nngwe tse di akaretsang dipalo 1 go fittha go 7</p> <p>Setishwanisho sa didriswa tse supa</p>  
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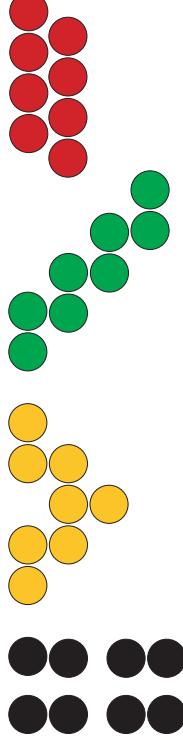
Bekke 29	Nako e e tshitshintsweng ya go Ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabanaat30 metsotsoso mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)	Dintitha tsa thaloso	Didriswa tse di attenegisisweng	Sebaka se se maleba
Sethogo 1.7 Tihakanyo le Tloso	<p>Rarabolola ka molomo go thakanya le go tlosa dipalo tse di neetsweng le dikarabo go fittha go 7</p> <p>Molomo: Balela dlio letsatsi le letsatsi go fittha 7. Baleia kwa pele le kwa morago go fittha 7.</p> <p>Tialeletsyo ya dikakanyo tsa “bontsi” “le” bonnye” .</p> <p>Opa diatla gantsi ...EMA Opa diatla gangwe. Morutabana o opa a gagwe ga 7. Botsa potso gore ke palo efe e e phaphathilweng gantsi \ nnye.</p> <p>Metsameko e e dirisang mmeli</p> <ul style="list-style-type: none"> - Lebelela dikakanyo tsa beke 24 le 27 go dikakanyo. - Dirisa dikakanyo tsa gago gore barutwana ba itemogelete bokao jwa didriswa tse dikgomngwang o dirisa tekatekanyo ya dipopego tse tharo. 	<p>Lettsatsi 1</p> <p>Dibadisi</p>	<p>Dipalo tsa dipuo le moribo</p>	Lettsatsi 1

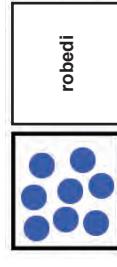
Bekte 29	Nako e e tshitshintsweng ya go Ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana	30 metsotsoto mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)	
Sethogo	Dintiha tsa thaloso	Didiriswa tse di attenegisisweng	Sebaka se se maleba
3.1 Maemo, kitsiso le dipono	<p>Latela dintiha go sutela kgotsa go ipaya mo lefelong le Ie kgethegileng</p> <ul style="list-style-type: none"> Godisa maikutto a tenosi ka dinthha tse ka go dirisa karata tsekedimo ya metsu le karata tsekedimo tsa tshekedimo <p>Motshameko wa go dirisa mmele</p> <p>Letelela barutwana go :tsamaele kwa dintheng tse di farologaneng :</p> <ul style="list-style-type: none"> - Kwa lebating, - Kwa lethabaphefong, - Kwa lefelong la dibuka. <p>O dirisa didiriswa tsa ditiekanyetsu tsa dipopego tlhakoretharo (3 D)</p> <p>A barutwana ba</p> <ul style="list-style-type: none"> - Ba thale mola setshwantsho sa robedi se se rapaletseng mo lebatikwalelo.Netelefatsa gore barutwana ba kgabaganya molagare sekao: 	<p>30 metsotsoto mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)</p> <p>Letatsi 1</p> <p>Patikwalelo</p>	
	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>A barutwana ka bongwe \ditlhophha tse dinnye:</p> <ul style="list-style-type: none"> - Thoma matlho mo karateng ya tsekedimo le go tsamaisa letsogo la gagwe kwa ntheng e e supilweng ke motsu le go bua fa a dira jao. sekao: Fa morutwana a bay a letsogo kwa ntle a re moja”. - Mo motsamaoong o yang godimo le tlase morutwana a ka dirisa letsogo lengwe le lengwe.. - Supetsa dintiha mo karateng ya metsu. - Kgomaretsa dikgato tsa maoto go ya ntheng ya lebati. <p>Tlotlofoko \ mareo:</p> <p>godimo/tlase ka gare kwa ntl; godimo/tlase/pele/morago mo pel fa pele/kwa morago; mo godimo kgotsa godimo / kwa tlase ; lethakore le le lengwe; gaufi le ; molema le moja</p>	<p>Karata tsekedimo ya tsekedimo ka motsu o le mongwe. Dikolosa karata tsekedimo ya tsedimo kwa ntheng tse farologaneng.</p> <p>Karata tsekedimo ya metsu (phousetara ka metsu mo dintheng tse farologaneng)</p> 	

Bekte 29	Nako e e tshitshintsweng ya go Ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana ^{±30} metsotsoso mo bekeng (Mosako) (± 5 metsotsoditirwana tsa dipalo ka beke)	Dintiha tsa thaloso	Didiriswa tse di attenegisisweng	Sebaka se se maleba
Sethogo 4.3 Boima/Mmese	<ul style="list-style-type: none"> • Gatelela kitso e o e amogetseng ng mo bekeng ya 28 o akaretsa boima – bothhofo\ Bothhofo thatatathata/boima thatatathata <p>Metshameko e e dirisang mmele</p> <p>Letelela barutwana go :</p> <ul style="list-style-type: none"> - Bapise boima jwa ditshelo tse tharo go ya go tse tlhano tse ditshwanang (sekao digerama tse 400 tsa meteme/dithini e/tse e/di senang sepe) di tsheetswe selekano se se farologaneng sa mmu wa mothaba mmu gore boima jwa tsone bo farologane. - Di beye ka thulaganyo go ya bothhofo go ya bothhofo go ya ka bokete ka go lekanyatsa boima. Morago ga foo sekala sa boima se ka diriswa go lekanyetsa go tlhomamisa fa barutwana ba ne ba nepile. - Tshitshinyo: <p>Dira tekelelo go bona gore go ka lekanyetswa diwaishere kgotsa dipekere tse kae go fithelela bokete jo bo tshwanang. Didiriswa tse di farologaneng di ka ma tsa diriswa.</p> <p>Morutabana o baya diaithikele tsa boima jo bo farologaneng mo ditshelong tse di tshwanang: Sekao: ditshelo tse pedi tsa tshesi, e nngwe e tsentse boloko e nngwe thenese bolo.</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Lemoga pharologanyo ya boima gareng ga boima jwa dillo di le pedi, mme ba fopholetse gore ke efe e bothhofo ke efe e bokete. - Ba dinise sekale sa go bona karabo ya mnete. - Gwettha barutwana go tlhaola dillo mo diphapsing tse di nang le boima jo bo lekanang Kgaolo ya lefelo la khuti ya mmu wa mothaba le motshameko ka metsi ke mafelo a tlhokafalang a tshwanetseng go dinisetswa go gatelela dikakanyo jaaka bothhofo/bokete\ bokete thata thata o dirisa ditshelo tsa bogolo jo bo tshwanetseng. Sekala sa go lekanya ,motihaba o bongola le o o omilleng. <p>Ela tlhoko: Nna fa fatshe le barutwana fa o bua o tlotta le go tlhalosa.</p>	<p>Letsatsi 1</p> <p>Dithini tse dilolea tse di lekanang ka bogolo</p> <p>Sekala sa go lekalekanya</p> <p>Didiriswa jaaka diboloko tsa Lega</p> <p>Didiriswa tsa bokele jo bo farologaneng jaaka ditthatswi tsa ditshipi kgotsa manala.</p> <p>Khuti ya motihaba</p> <p>Sejana sa motshameko wa metsi, segobe sa metsi a diphololgolo</p>	Letsatsi 1	

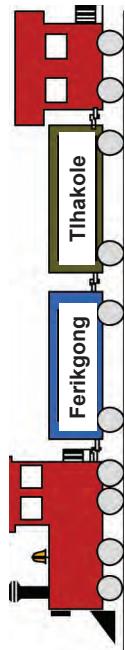
Beke ya 30	Dirisa beke ya 30 go tlhokomela makoa a thuto ka ga dikgopolo le /kgotsa dikgoreletsi tse di lemogilweng mo go ithuteng.	
Kgaolo ya diteng	Setlhogo	Mokgwa wa tekanyetso ya tlhatlhobo
Dipalo, diopereishene le kamano	1.1 Go bala dilwana	Fopholetsa le go bala o boeteitsa go fitlha ka 7 (dipina tsa dipalo le diraeme tse di akaretsang kgodiso yak go[polopalo]) Balela kwa pele le kwa morago (1-7) O itse gore palo ya go opa diaita e bonnye kgotsaa bontsi jo bokae Lemoga dipalo tse di tlwaelegileng mo tirisong sekao bogolo, rejitsara (tlhatlhoba gape) Lemoga dipalo tsa ditshwantsho le dikarata tsekedimo tsa marontho go fitlha ka dipalo tsa 7 O itse matshwao palo 5, 6, 7 Lemoga maina palo tlhano,thataro,supa Go farologanya magareng ga bontsi,bonnye le maleka go, bontsi le bonnye go fitlha ka 7 Lemoga mebalga mmogo le mefuta ya diphologolo tse di farologaneng mo Tsheleteng ya Aferika Bonwa
	1.6 Dirisagano tsa go tharabololo ya dipalo	Dirisa didiriswsa tsed di kgonggwang Tlhahosa kakanyo ya gagwe ka go dirisa mafoko le ditshwantsho kgotsa didiriswa tse di kgonggwang
	1.7 Tlhakanyo le tloso	O rarabolola dipalo tse di fithang ka 7 tsa go tlakanya le go tloso ka go Motlotlo
Dipaterone, Tiriso le Alejebra	2.1 Dipaterone tsa Jeometeri/tekano	Kopolota,atolosa le go bopa dipaterone tsa bone a dirisa ditshwantsho
Boalo le popego (Jeometeri)	3.1 Maemo, kitsiso le dipono	Itse maemo a dilwana tse pedi kgotsa tse tharo di goleganya le nngwe le nngwe ya tse:kwa pele ga, kwa morago , godimo , fa , tlase,kwa tlase,tlse go bapa mogare,molema le moja
	3.2 Dilwana tsa tekano tlhakoretharo (3-D)	Lemoga le go neela ka maina a khutlone O thalaganya tlhomamo ya dipopego e e ithutilweng (polokego ya dipopego)
	3.3 Dipopego tsa tekanyotlhakoretharo (2-D)	O bopa go tloga mo sekaong se se neetsweng Aga sekao sa kago go tswa go setshwano /karata tsekedimo ka setshwantsho
Tekanyo	4.2 Bolele	Go aga phasele ya dikarolo di ka nna 18 Go lemoga, tlhaola le maina a dikwere
	4.3 Boima /Mmese	Thalaganya kago ya dipopego tse di tlhomameng tse di ithutilweng
	4.4 Mothamo/bolumu	Fopholetsa le go lekanyetsa bolelele jwa didiriswa tse di farologaneng. O thalaganya kgopoloka ga "bofeso,boima,bofonyana,boimanyana,bofeso thata, boima thata.
Go dira ka tsedimosetso	Kgobokanya tlhaola,tlhagisa dilwana tse di phuthilweng tse tlhaotsweng, puisano le pegelo ka dilwana tse di phuthilweng	O kgona go kgobokanya, tlhaola,Bapis,a bala le go Bapisa didiriswa go ya ka ponagalo e le nngwe.

KGWEDI-THARO 4 DIPALO MOPHATO WA R	
Bek 31 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditzirwana tsa dipalo mo bekeng)
Sethogo	Dintitha tsa thaloso
1.1 Bala didiriswa	<p>• Itsise bokao jwa palo ya 8</p> <p>Mottotto: Bala diadirisa le letsatsi le eltsatsi go fittha ka 8. Balela kwa pele le kwa morago go fittha ka 8. Balela kwa godimo o ipoeletsia 1-10</p> <p>Itsise bobadi jwa palo pedi o dirisa go raema</p> <p>Gatelela palokemotatelo: Morutabana o pakka didiriswa tse 4 mo moleng. Supa sediriswa sengwe o ntse o bala ya nthia,ya bobedi,ya boraro,ya bone</p> <p>Gatelela dikgopololo ka ga “bontsi le “bonnye”. Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 8</p> <p>Botsa gore o opile diatla gantsi/gannye</p> <p>Metshameko ya go dirisa mmele</p> <p>Lettelela barutwana:</p> <ul style="list-style-type: none"> - Baya dikgato tse robedi o ntse o tsamaya o protologa mo phaposing - Supetsa memwana e robedi - Lettelela barutwana: - Dirisa mapalamo a dipalo, e bewe mo fatshe rapalala) - Netefatsa gore barutwana ba simolola ka O ka nako tsotlhe. - Supa letshwaopalo fa ba ntse ba tsamaya mo molapalong. - Tsamaya mo karolwaneng fa o ntse o Bala letsatsi morethetho

Beket 31 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)				
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng		
1.3 Lemoga matshwaopalo le dipaloina.	<ul style="list-style-type: none"> Lemoga matshwaopalo le mainapalo <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> Motlotlo: Bala didiriswa mo phaposing tse di akaretsang 1 go fittha ka 8 Bala didiriswa go fittha ka palo 8. <p>- Godisa temoso ka ga tshomarello ya dipalo ka go lettelela barutwana go paka Dibadisi di le robedi kgotsa go paka didiriswa ka ditseia tse di farologaneng sekao.</p>  <p>Fa o bala, dipalo ya didiriswa ga di amiwe ke bogolo jwa dipalo kgotsa maemo kgotsa ke tsa mofuta o o tshwanang sekao.</p> <ul style="list-style-type: none"> Rulaganya ditalamia tse 8 , dipensele tse 8 , dihulahupu tse 8 , barutwana ba le 8 jalo jalo. Di bale ka thulaganyo e e farologaneng sekao di bale di adilwe, di bapile, mo moleng kgotsa di pakilwe. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> Tshameka metshameko ka go golaganya dipalo ya Dibadisi ka leinapalo, letshwaopalo, marontho le karata tsukedimo ya setshwantsho e e akaretsang dipalo go fittha ka 8 Gatisa palo 8 ka kerayone. 	<p>Sete ya didiriswa tse 8 mo phaposing</p> <p>Didiriswa kgotsa Dibadisi.</p> <p>Dibadisi tse 8 kgotsa didiriswa</p> <p>Karata tsukedimo ya letshwaopalo le leinapalo, marontho le ditshwantsho sekao.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Setshwantsho sa didiriswa tse 8</td> <td>8</td> <td>robedi</td> </tr> </table> <p>Dikerayone</p> <p>Dibadisi</p>	Setshwantsho sa didiriswa tse 8	8	robedi
Setshwantsho sa didiriswa tse 8	8	robedi			

Bete 31 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	
Sethogo	Dintiha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng
1.4 Thalosa , bapisa le thulaganyo ya dipalo.	<ul style="list-style-type: none"> .Dirisa palo 8 mo tirisong e e tlwaelegileng <p>Motlotlo: Bala didiriswa go fitilha ka 8 letsatsi le letsatsi. Baleia ka pele le kwa morago go fitilha ka 8.</p> <p>Gatelela go Bala letsatsi bo pedi o dirisa diraeme tsa dipalo</p> <p>Gatelela dikgopololo ka ga “bontsi le “bonnye” .</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla go le gomnye. Morutabana o opa diatla go fitilha ka 8</p> <p>Botsa gore o opile diatla gantsi/gannye</p> <p>Metshameko ya go dirisa mmeli</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Dira palo 8 ka menwana ya bone. - Bopa dipalo ka dikarolwana tsa thudi kgotsa mmu wa seloko wa go tshameka. - Kwalwa matshwaopalo mo terei e e nang le mmu. - Baya letshwaopalo le le tonna mo tateланong fa fatshe go fitilha ka 8. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Morutabana o naya morutwana yo mongwe le yo mongwe dinawa tse 8 le karata tsekedimo ya marontho a 8</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Pakalawa mo godimo ga lerontho le lengwe le lengwe mo karata tsekedimo . - Bala dinawa. - Golaganya karata tsekedimo ya lerontho goleinapalo le Dibadisi. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Dipina tsa dipalo le diraeme</p> <p>Thudi/ulu kgotsa seloko ya motshameko. Terei ya mmu</p> <p>Sete ya dikarata tsekedimo tsa letshwaopalo</p> <p>Morutwana mongwe le mongwe o newa dinawa tse 8.</p> <p>Karata tsekedimo ya marontho,karata tsekedimo ya leinapalo le dibadisi</p>  <p>robedi</p>

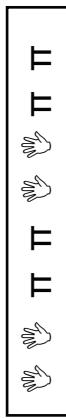
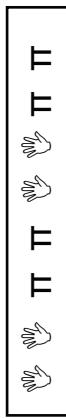
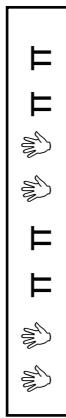
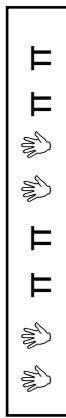
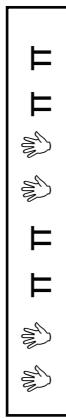
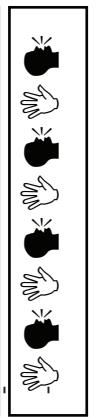
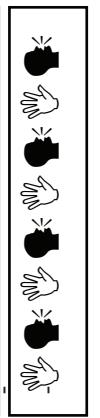
Bekete 31 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng		
3.3 Tekanothhakore- pedi (2-D)	<p>Lemoga le tihaoia le go neela leina la dipopego tsa tekanyothhakore mo phaposing le ka ditshwantsho</p> <ul style="list-style-type: none"> - Itsise khutionnetsepa • Metsahameko ya go dirissa mmeli <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Khutionne-tsepa e nle mathakore a le mane. - Bopa dipopego ka mebele ya bone sekao barutwana ba le 3 ba bopa khutionnetsepa ka mebele ya bone (barutwana ba le 6). - Bopa khutionnetsepa ka menwana. - Bopa khutionnetsepa ka dikarolwana tsa wulu kgotsa seloko ya go tshameka. - Tsamaya mo thadisong ya popego ya khutionnetsepa. Fa o ntse o tsamay Leteletela barutwana go : Motlotlo'ke tsamaya go bapa le khutionnetsepa, lethakore le lengwe le teiele, le lengwe le le khutishwane, le lengwe le le teiele, le lengwe le le khutishwane. - Phopholetsa popego, Dirisa popego e tonna thata kgotsa tsenya dipopego tse di farologaneng mo kgetisaneng e o kgonang go e phopholetsa. O nne le sete ya dikarata tsekedimo e o e bapisang ya dipopego. Morutwana o phopholetsa popego mo teng ga kgetsana le go e bapisa le dikarata tsekedimo. - Thala popego ya khutionnetsepa mo moyeng, mo fatsho ka tshoko, mme kwa bofelong mo lethare la pampiri. <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothhakoretharo (3-D)</p> <p>Letelela barutwana go batla didiriswa tsa khutionnetsepa mo phaposing.</p> <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothhakorepedi (2-D)</p> <ul style="list-style-type: none"> - Supa dipopego tsa khutionnetsepa mo ditshwantshong. - Supa dipopego tsotthe tse di rutilweng go fitlha ga jaana mo ditshwantshong. <p>Tthaola didiriswa tsa tekanothhakoretharo (3-D) le dipopego tsa tekanothhakorepedi (2-D) go ya bogolo,mmala le popego</p> <ul style="list-style-type: none"> - Thaola didiriswa tse di kgobokantsweng go ya ka bogolo, mmala le dipopego. 	<p>Karata tsekedimo ya metshameko e e godisang temogo ya dipopego.</p> <p>Ulu kgotsa seloko ya motshameko.</p> <p>"Kgetiana e o kgonang go e phopholetsa" ka dipopego tsa thutakeano Sete ya dikarata tsekedimo tse di bapisiwang tsa dipopego mo go tsona.</p> <p>Pampiri ya A4 le kerayone.</p> <p>Didiriswa tsa khutionnetsepa mo phaposing</p> <p>Dipopego tsotthe tse di ithutuweng go fitlha jaanong:</p> <p>Ditshwantsho tse di farologaneng ka dipopego mo go tsone</p> 		

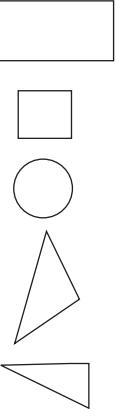
Bekete 31 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanedyeditsweng																																							
5.1 Kgobokanya o tthaole didiriswa mo tikologong go ya ka diponagalo tse di kailweng	<ul style="list-style-type: none"> Gatela kgopoloo ka ga dipalo tsa tshedimosetso ka go kgobokanya didiriswa mo phaposing kgotsa mo tikologong go ya ka diponagalo tse di kailweng sekao :malatsi a barutwana a matsalo <p>Diriswa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> O dirisa karata tsekedimo ya malatsi o a matsalo, thomamisa gore ke malatsi a matsalo ke kgwedi efe. Barutwana ba thusa go dira kerafo go bona gore ke kgwedi efe e malatsi a matsalo a le mantis ka yone. Morutabana o thala kerafo ya dikgwedi de 12 mo ngwageng. Ka thuso ya morutabana lettelela barutwana go : thala kerafo go ya ka maeno a barutwana a matsalo mo kgweding. 		Karata tsekedimo ya malatsi a matsalo		Karata tsekedimo ya malatsi a matsalo																																							
5.2 Thala didiriswa tse di thiaotseng	<p>Ferikgong</p> <table border="1"> <thead> <tr> <th>Sipho</th> <th>David</th> <th>Thakole</th> <th>Mopitwe</th> <th>Moranang</th> <th>Motsheganong</th> <th>Seetebosigo</th> <th>Phukwi</th> </tr> </thead> <tbody> <tr> <td>Martha</td> <td>Bongi</td> <td></td> <td></td> <td>Nelson</td> <td>Kabelo</td> <td>Selina</td> <td>Thabo</td> </tr> <tr> <td>Helen</td> <td>Claire</td> <td></td> <td></td> <td>Jacob</td> <td>Pat</td> <td>Liz</td> <td>Jane</td> </tr> <tr> <td>Dolly</td> <td></td> <td></td> <td></td> <td>Tim</td> <td>Thandi</td> <td>Titus</td> <td></td> </tr> <tr> <td>4</td> <td>3</td> <td>0</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>2</td> </tr> </tbody> </table> <p>Barutwana ba bala maina ba bo ba a kwala dipalo ya malatsi a botsalo ka fa tlase ga kgwedi e nngwe le e nngwe.</p> <p>A barutwana ba bapisa dipalo ya malatsi a matsalo a dikgwedi tse di farologaneng. Morutanana o botsa dipotsa di tshwana le:</p> <ul style="list-style-type: none"> "Ke kgwedi efe e nang le malatsi a matsalo a mantis?" "Ke kgwedi efe e nang malatsi a matsalo a mannye?" "Ke dikgwedi dife tse di nang le dipalo e e tshwanang ya malatsi a matsalo? Le e e lekanang" "Ke dikgwedi dife tse di nang le basimane ba le bantsi ba ba ketekang malatsi a matsalo?" "Ke dikgwedi dife tse di nang le basetsana ba le bantsi ba ba ketekang malatsi a matsalo?"? <p>Barutwana ba buisana ka ditshwetsotso tse di latelang:</p> <ul style="list-style-type: none"> - Ferikgong e na le malatsi a mantsi a matsalo Barutwana ba le bane ba ketekang malatsi a bone a matsalo ka Ferikgong. - Ka Mopitwe ga go na malatsi a matsalo. Go kgwedi e le nngwe mo barutwana ba senang malatsi a matsalo. - Dikgwedi tse dingwe di na le dikgwedi tse di le dikgwedi tse di nang le dipalo mo bekeng. 	Sipho	David	Thakole	Mopitwe	Moranang	Motsheganong	Seetebosigo	Phukwi	Martha	Bongi			Nelson	Kabelo	Selina	Thabo	Helen	Claire			Jacob	Pat	Liz	Jane	Dolly				Tim	Thandi	Titus		4	3	0	3	3	3	3	2	<p>Tthalosa le go neela pegelo ka didiriswa tse di tthaotseng</p>	5.3	
Sipho	David	Thakole	Mopitwe	Moranang	Motsheganong	Seetebosigo	Phukwi																																					
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Beket 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 ditiqwana tsa dipalo mo bekeng)		
Sethogo	<p>1.1 Bala didiriswa</p> <p>Dintiha tsa thhaloso</p> <ul style="list-style-type: none"> Gatelela ka ga kitso e amogetsweng mo bekeng ya 31 e akaretsang palo 8 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha ka 8. Baleia ka pele le kwa morago go fittha ka 8. Baleia kwa godimo o ipoletsatsa 1-10</p> <p>Gatelela ka go bala letsatsi bopedi o dirisa diraeme tsa dipalo</p> <p>Gatelela dlkgopolu ka ga “bontsi le “bonnye” . Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 8 Botsa gore o opile diatla gantsi/gannye</p> <p>Metsameko ya go dirisa mmele</p> <p>A re tshameke motshameko:</p> <ul style="list-style-type: none"> - Morutabana o tshameka ka seletswa sekao: moropa. - Barutwana ba huduga ba potologa mo phaposing. - Fa moropa o didimmala/morutabana o bitsa dipalo fa gare ga 1 go fittha ka 8, barutwana ba ithulaganya ka dithophpha tse dinnye sekao morutabana o bitsa barutwana ba 8,mme barutwana ba ithulaganya ka dithophpha tsa 8 - Supetsa menwana e 8 mo diatieng tso pedi tsa gago. - Bopa disete ka barutwana.Thala didiko tse di kgolo mo mothabeng mo fatshe. Letlelela barutwana go bopa dithophpha tsa bo 8 mo teng ga sediko.Dithophpha tsa bo 8 di ka dira ditiro tse di rileng mmogo mo tsamaong ya letsatsi sekao: tshameka mo sekututwaneng sa boloko, go ya kwa lefelong la thuto ya botsweretshi. 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p>	<p>Letsatsi 1</p> <p>Dipina tsa dipalo le diraeme</p>

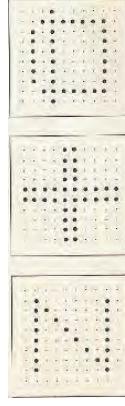
Beket 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 ditiqwana tsa dipalo mo bekeng)		
Sethogo	Dintiha tsa thaloso	Dithusa-thuto ts'e di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Dirisa dipalo mo tirisong e e tiwaelegileng	<p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Letilela barutwana:</p> <ul style="list-style-type: none"> - Dirisa dibadisi go lemoga gore ke dipalo efe tiang pele ga 8 le morago ga 5? Ke dipalo efe e fa gare ga 6 le 8? - Bala didiriswa ka bobedi: <ul style="list-style-type: none"> o Para ya ditlhako, o Para ya dikauhu o Para ya matho, o Para ya manyena o Para ya ditsebe, o Para ya maodo <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Fa morutabana a tsaya reisetara ya go tsena o botsa dipots'o : "A morutwana ka dipalo kgotsa aterese ya ntlo -----o teng fa ? "Morutwana o tshwanets'e go araba a bontha fa le teng. - Boeletsa tirwana e, ka letsatsi je le latelang ka go dirisa dipalo ya mogala kgotsa dipalo ya mogala wa lotheka. 	<p>Para ya ditlhako,dikaushu,manyena</p> <p>Dibadisi</p>	

Beket 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 ditiqwana tsa dipalo mo bekeng)		Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
Sethogo 1.7 Tihakanyo le Tlosos	<p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Rarabolola dipalo tsa mafoko ka go Motlotlo (dipalo tsa kgang) di akaretsa palo 8 Metsameko ya go dirisa mmele <p>- Morutabana o thusa barutwana go dira sethophpha sa bo 6 le sethophpha se sengwe sa bo 2: le</p> <p>- Kopanya dithophpha tse pedi go dira sethophpha se le sengwe.</p> <p>- Botsa barutwana gore ke barutwana ba le kae mo sethopheng se se kopantsweng? 6 le 2→8.(Morutabana a re: 6 le 2 di go naya 8)</p> <p>- Sethophpha sa 8 mimogo.Tlosa barutwana ba 3 mo sethopheng se sentye.Go sala barutwana ba ba bakae mo sethopheng se segolo sa 8 ? Dira sethophpha sa barutwana sa 8 tlosa 3→5.</p> <p>- Thophpha barutwana babedi o dirisa raeme ya go bala.</p> <p>- Baya dithupana tse 4 mo seatleng sa morutwana a le mongwe le dithupana tse 4 mo seatleng sa morutwana yo mongwe. Go dithupana tse kae tsotthe jaanong? 4 le 4→8.</p> <p>Dirisa dikgonngwa go ruta ka ga didiriswa tsa tekanothakoretharo (3-D)</p> <p>Naya morutwana mongwe le mongwe dithupana di le 8.</p> <p>- Tshidi o na le dithupa di le 6, tsala ya gagwe e na le dithupana tse 2. Ba na le dithupana tse kae tsotthe? 6 le 2→8.</p> <p>- Monica o na le dithupana tse 8. O lathegelwa ke dithupana tse 2.Monica o na le dithupana di le kae tse di setseng? 8 o tlosa 2→6.</p> <p>Dirisa dikadikgonngwa go ruta ka ga didiriswa tsa tekatekanyopedi (2-D) kgotsa ditshwantsho</p> <p>- Morutabana o baya ditshwantsho tse 2 mo borotong ya folanele.O oketsa ka ditshwantsho tse 5.Go na le ditshwantsho tse kae jaanong? 2 le 5→7.</p> <p>- Baya dipopego tse 8 mo borotong ya folanele .Tlosa tse 5.Go setse tse kae? 8 o tlosa 5□3.</p>	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dithophpha tsa barutwana</p> <p>Dithupā</p> <p>Raeme ya go bala:</p> <p>Dithupana</p> <p>Raeme: 1, 2, 3, 4, 5</p> <p>Gangwe ka tshwara thapi e tshela 6, 7, 8, 9, 10</p> <p>Ka e tlogela e itsamaela gape</p> <p>Dithupana</p> <p>Borojo ya folanele.</p>		

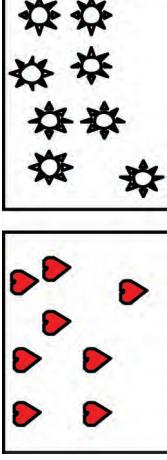
Beket 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + - metsotsotso e le 30 ka letsatsi (+ -5 dirirwana tsa dipalo mo bekeng)	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	<p>2.1 Dipaterone tsa tekano</p> <ul style="list-style-type: none"> Kopisa le go atolosa paterone ka go reetsa Metshameko ya go dirisa mmele Barutwana ba tsamaya go ya ka morethetho wa mmmino, ba dirisa mebbele ya bone . sekao . <ul style="list-style-type: none"> - Gata,gata,tiola,tiola..... - Tiola ka leoto le lengwe, tiola ka leoto le lengwe,tiola ka maoto a mabedi,tiola ka maoto a mabedi..... <p>Dirisa dikgonngwa go ruta ka ga tekanyothakoretharo (3-D)</p> <p>Tsenyeletsa botsweretshi jwa tiragatso (mmino) mo serutweng tsa dikgono tsa botshelo Barutwana ba tsamaya ka morethetho wa mmmino ka diaita a bona le go ama dirope tsa bone sekao.</p> <ul style="list-style-type: none"> - Opa,opa,itaya leoto fa fatshe,itaya leoto fa fatshe(opa diaita le go itaya dirope ka diaita). - Morutabana o dira dikarata tsekeditmo tsa morethetho le barutwana ba boeletska ka go opa diaita ba lateia morethetho (ba dirisa diaita go opa diaita le go itaya maoto sekao: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">      </div> <div style="text-align: center;">     </div> </div> <ul style="list-style-type: none"> - Opa.opa,itaya leoto fa fatshe,itaya leoto fa fatshe..... - Opa,goeletsaa,opa,goeletsaa,opa,goeletsaa..... 	Letsetsa 1	seletswa sa CD Ka mmmino	Go tshameka mmmino o dirisa dikkarolo tsa mmele

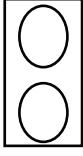
Bekete 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+5 dithirwana tsa dipalo mo bekeng)	Sethogo	Dintiha tsa thhaloso	Boleele jwa nako jo bo lekanedyeditsweng	Letsatsi 1
3.3 Dipopego tsa tekanothakorepedi (2-D)	<p>Lemoga , tlhaola le go tlhalosa dipopego tsa tekanyothakore</p> <ul style="list-style-type: none"> Gatellela kitso ka ga khuttonnetsepa Metshameko ya go dirisa mmeli <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Dira/bopa dipopego ka mebele ya bone sekao barutwana ba le 4 ba bopa khuttonnetsepa ka mebele ya bone. - Bopa khuttonnetsepa ba dirisa mewana ya bone. - Bopa khuttonnetsepa ba dirisa dithupana tsa mokgwareo e 6.  <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dikarata tsekedimo tsa motshameko tse di godisang temoso ya dipopego. Dithupana tsa mokgwareo Ulu kgotsa seloko ya go tshameka. "Kgetsana e e phopholediwang" ka dipopego tse di farologaneng tsa thutatekano.</p>  <p>Boleele jwa nako jo bo lekanedyeditsweng</p> <p>Dikarata tsekedimo tsa motshameko tse di godisang temoso ya dipopego. Dithupana tsa mokgwareo Ulu kgotsa seloko ya go tshameka. "Kgetsana e e phopholediwang" ka dipopego tse di farologaneng tsa thutatekano.</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Akaretsa dipopego tse ditonna le tse dinnye le dikhutlotharo tsa dikhuttwana tse di farologaneng mo teng ga kgetsana e e phopholediwang sekao.</p>  <p>Boleele jwa nako jo bo lekanedyeditsweng</p> <p>Dikarata tsekedimo tse di bapisiwang le dipopego tse di tshwantshitsweng mo go tsona</p> <p>Pampiri ya A4 le dikeryone</p>				

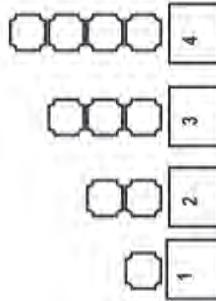
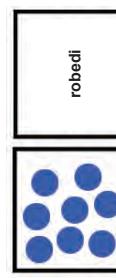
Bekete 32	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +-	Dintliha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	3.3 Dipopego tsa tekanothakorepedi (2-D)	<p>Dirisa dikadikgonngwa go ruta ka ga dipopego tsa tekatekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Lettelela barutwana go batla didiriswa tsa mathakoremabapitekanyo ya khutlonnetsepa mo phaposing. <p>Tshameka motshameko: "Ke efe e nyeletseng?"</p> <ul style="list-style-type: none"> - Baya nomoro ya dipopego tsa tekanothakorepedi (2-D) (e seng dipopego tse di fetang tse 5) mo karolwaneng ya pampiri fa gare ga mmetshe sekao dipopego go tswa mo motshamekong wa dipopego tsa Logi. - Buisana le barutwana ka ga popego e nngwe le e nngwe. - Naya barutwana tshono ya go ithuta ka tlhogo mafuta ya dipopego mo karolwaneng ya pampiri. - Barutwana ba tswala matlho a bone. - Morutabana o tlosa nngwe ya dipopego. - Barutwana ba tshwanetse ba bule matlho le go supa popego e e nyeletseng. - Boeletsa tirwana e. <p>- Tsweletska kgodiso ka ga dipopego tsa tekatekanyetso thuto ka go neela dikarata tsekedimo tse di farologaneng tsa motshameko jaaka "ke eng se se mo khutlonneng" kgotsa motshameko mongwe le mongwe o o leng teng.</p>	<p>Didiriswa tsa khutlonnetsepa tse di mo phaposing.</p> <p>Dipopego tse di farologaneng sekao dipopego tsa Logi.</p>	

Beket 32 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) + metsotsotso e le 30 ka letsatsi (+5 ditirwana tsa dipalo mo bekeng)		
Sethogo	<p>3.1 Maemo, kitsiso le dipono</p> <p>Maemo a didiriswa tse pedi kgotsa tse dintsii ka kamano go e nngwe Metshameko ya go dirisa mmelle</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Ema fa gare ga didiriswa tse pedi kgotsa barutwana le babedi. - Ema go bapa le mosetsana ka mosesee o o botala jwa loapi. - Ema go bapa le mosimane ka diramphetshane tse di khonou - Tsamaya fa gare ga dibokoso. - Gagaba o potologa tafole. - Gagabela ka fa tlase ga setilo. - Baya setilo fa pele ga gago. - Baya setilo ka fa morago ga gago. - Ema fa godimo ga setilo. - Dula mo setilong. - Baya setilo mo godimo ga gago. - Baya setilo go bapa le wena. - Baya setilo mo lethakoreng la molema/le mo lethakoreng ;la moja. 	<p>Dithusa-tsa thaloso</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p>	<p>Letsetsi 1</p>
	<p>Dirisa didiriswa go ruta ka ga tekanothakoretharo (3-D)</p> <p>Letelela barutwana go feleletsa diphasale ka ditshwantsho tsa batho kgotsa diphologolo.</p> <ul style="list-style-type: none"> - Tsanya thapo mo dibageng go ya ka ditaelo tsa morutwana sekao tsenya sebagase se khibidu, tsenya sebagaa sa mmala yo o tala go bapa le mohibidu jalo jalo. - Tsenya dibaga go ya ka setshwantsho se se nellweng se latelelana. <p>Dira ka ditihopha tse dinnye. Morutwana o naya morutwana mongwe le mongwe papetiana ya diphekese le diphekese tse di tlatseng ka seatia..</p> <p>Naya ditaelo tse di latelang:</p> <ul style="list-style-type: none"> - Baya diphekese tse pedi tse khibidu kwa sekhetwaneng se se kwa molemeng. - Baya phekese e le nngwe e tala kwa mojeng wa phekese e khibidu. - Baya phekese e le nngwe e botala jwa loapi mo tlase ga tala jj. 	<p>Diphasele</p> <p>Dibaga</p> <p>Boroto ya diphekese le diphekese</p> 	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Thala batho kgotsa diphologolo kwa ntle ga matsogo/maoto le go kopa barutwana go di feleletsa.</p> <p>Lethare la tiro le ditshwantsho.</p>

Bekete 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotso e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.1 Bala didirisawa	<ul style="list-style-type: none"> Gatelela kitso e amogetsweng mo bekeng ya 31 le 32 e akaretsang dipalo 1 go fittha go 8 <p>Mottotto: Bala didirisawa letsatsi le letsatsi go fittha ka 8. Baela ka pele le kwa morago go fittha ka 8. Balela kwa godimo o ipoeteletsa 1-10</p> <p>Gatelela go Bala letsatsi bo pedi o dirisa diraeme</p> <p>Gatelela palokemotateleno: Morutabana o pakka didirisawa tse 8 mo moleng.O supa sedirisawa a ntse a bala ya nthha,ya bobedi,ya boraro,ya bone,ya botilhano.</p> <p>Gatelela dikgopololo ka ga "bontsi ie "bonnye". Opa diatla gantsi.....EMA.</p> <p>Opa diatla go gonye. Morutabana o opa diatla go fittha ka 8 Botsa gore o opile diatla gantsi/gannye</p>	<p>Dipina tsa dipalo le diraeme</p>	Letatsi 1
	<p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Barutwana ba dirisa mebele ya bone go bopa matshwaopalo. Morutabana o dira dipalo go tswa mo didirisweng tse di farologaneng, barutwana ba a di phopholetsa sekao pampiri ya mothaba, seloko/thudi. O bua diraeme tsa dipalo/o opela dipina. 	<p>Matshwaopalo a matonna a dirilwe ka pampiri e e magwasipa</p>	
	<p>Dirisa dikgonngwa go ruta ka ga didirisawa tsa tekanothakoretharo (3 -D)</p> <ul style="list-style-type: none"> Dirisa didirisawa jaaka diboloko le diphologolo tsa polasitiki. Di bale, di thhaole,baya tse robedi mo moleng jalo jalo. <p>Kgaoganya barutwana ka dithophpha.</p> <p>Bayo mokoa wa diphologolo tsa polasitiki mo gare ga setlophpha sengwe le sengwe: Letia barutwana go :</p> <ul style="list-style-type: none"> Dira ka dipara mo ditlapheng le go fopholetsa gore diphologolo di kae mo thotong. Para e nngwe le e nngwe e tsaya dikarata tsekedimo tsa dipalo a di bapisa dipalo Bala dipalo e siameng ya diphologolo. Barutwana ka bobedi ba ka nna ba bewa letshwao la na ledi mo phathlheng tsa bone. Boeletsa ka go baya palo ya diphologolo tse di farologaneng fa gare ga mmetshe. 	<p>Diboloko le diphologolo tsa polasitiki</p> <p>Diphologolo tsa polasitiki tsa dipolase tse 9 Disete tse di mmalwa tsa dikarata tsekedimo tsa matshwao.</p> <p>Go akgola o dirisa matshwao a dina ledi</p>	

Beket 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotse di tsa dipalo mo bekeng)	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.3 Matshwaopalo le dipaloina	Lemoga matshwao a dipalo le mainapalo a akaretsang dipalo tse di simololang ka 1 Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D) - Bapisa matshwaopalo le ditshwantsho tse di maleba. - Morutwana a thhaloganye gore sethlopha sa didiriswa se ka nna le palo e tshwanang ya didiriswa. tse di fopholeditsweng.	<p>Dikarata tsekedimo tse di nang le ditshwantsho le matshwaopalo Dibadisi</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Setshwantsho sa didiriswa tse 8</p> </div> <div style="text-align: center;">  <p>robedi</p> </div> </div>	<p>Barutwana ba supe sediriswa sengwe le sengwe fa ba ntse ba bala.</p> <ul style="list-style-type: none"> - Barutwana ba tshwanetse ba kgone go bapisa sediriswa sengwe le sengwe go didiriswa tse dingwe sekao papiso ya pelo e le nngwe go letsatsi le le lengwe. - Bapisa karata tsekedimo e nang le setshwantsho, karata tsekedimo ya marontho, letshtshwaopalo le karata tsekedimo ya leinapalo e nang le dibadisi tse di tshwanang. 	<p>Sete ya dikarata tsekedimo tsa dipalo tse di akaretsang palo e simololang ka 1 go fittha ka 8</p>

Beket 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsotsotse le 30 ka letsatsi (+- 5 ditiqwana tsa dipalo mo bekeng)	
Sethogo	<p>1.4 Tihalosa, bapisa le Thulaganyo ya dipalo</p> <p>Dintiha tsa thaloso</p> <ul style="list-style-type: none"> Rulaganya le go bapisa didiriswa tse di kgobokantsweng o dirisa "go feta, / go nnye go feta" le "go lekana le" go filtha go 8 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go filtha go 8</p> <p>Balela kwa pele le kwa morago go filtha ka 8.</p> <p>Dirisa dipalo go raema go gatelela o bala ka bobedi.</p> <p>Gatelela kgopololo ka "bonitsi" le "mmalwanya"</p> <p>Opa diatla gantsi EMA.</p> <p>Opa diatla mmalwanyanya.Morutabana o opa diatla go filtha ka 8.</p> <p>Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Morutabana o baya diboloko di le 8 mo godimo ga tafole. Kwa ntla ga go di bala ba fopholetsela palo ya diboloko Morutabana o a botsa: <ul style="list-style-type: none"> "A go na le diboloko di le dintsisi go feta tse 3?" Barutwana ba tlhomamisa karabo ya bona ka go bala diboloko "Phopholetsosya gago e bogauji jo bokae ?" <p>O</p> <p>Dirisa didiriswa tsa di kgongngwang tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> Bopa ditlhophha tsa barutwana ka bone. Naya setlhophha sengwe le sengwe dibadisi di le 8 le kaba tse ditonna tse pedi go tshwantshitswe didikoo tse pedi mo go tsone. Bitsa didikoo o re dintlhaga. Mo ditaelong tsa morutabana, barutwana ba baya dibadisi mo sentlhageng sengwe le sengwe le go Motlotlo gore Dibadisi di kae. Barutwana ba bapisa "dintlhaga" le go tlhomamisa gore ke sentlhaga sefe se se nang le palo ya dibadisi tse dintsisi go feta "nnye go" "e tshwana le" kgotsa "e lekana le" 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p> <p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tsa palo le diraeme</p> <p>Diboloko</p> <p>Dibadisi</p> <p></p>

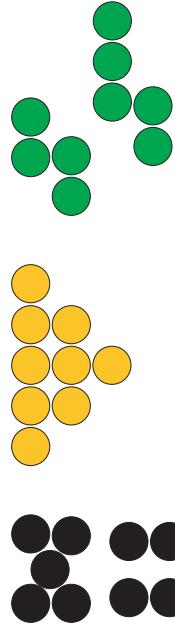
Beket 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thhaloso	Dithusa-thuto tse di atlegenesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.4 Thhalosa, bapisa le Thulaganyo ya dipalo	<p>Kgaoganya barutwana ka ditlhophha</p> <ul style="list-style-type: none"> - Naya setlhophha sengwe le sengwe popego taese tse dintsii le sete ya dikarata tsekedimo tsa letshwaopalo tse di akaretsang palo e simololang ka 1 go fittha ka 8 - Letlelela ditlhophha go aga diterio le go tshwaya torio nngwe le nngwe go ya ka palo ya popego taese tse dintsii sekao: 	<p>popego taese Dikarata tsekedimo tsa matshwaopalo 1-8</p> <p>Leronthlo le karata tsekedimo ya setshwantsho</p> 	
1.13 Tlhakanyo le Tloso	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa didlkgonngwa tsa tekantothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o bontsha dikarata tsekedimo tse pedi tse di farologaneng le ditshwantsho mo go tsone. - Letlelela barutwana go bapisa dikarata tsekedimo tsa ditshwantsho le marontho gore ba kgone go lemoga gore ke tsefetse tse dintsii go fetaa, tse dinnye go" le tse di lekanang le". 	<ul style="list-style-type: none"> • Rarabolola mathata a boletswang a tlhakanyo le tloso go fittha 8 <p>Mottotto: Bala didiriswa letsatsi le letsatsi go fittha ka 8. Balela kwa pele le kwa morago go fittha ka 8. Gatelela go Bala letsatsi bopedi o dirisa diraeme tsa dipalo.</p> <p>Gatelela kgopololo ka ga "bontsi" le "mmalwa". Opa diatla gantsi.....EMA. Opa diatla mmalwanyana. Morutabana o opa diatla go fittha ka 8. Botsa gore ke palo efe ya go opa diatla e e ntsi/hnye.</p>	Letsetsi 1

Beket 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di atlegenesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.13	Metsameko ya go dirisa mmele Tihakanyo le Tlosø Dikai: 1. Morutabana o biletsha barutwana ba le 3 kwa pele. Barutwana ba a ba bala. Morutabana o bitsa ba bangwe ba babedi le go ba botsha gore go barutwana ba le kae bothie? 3 le 2 → 5 (Morutabana a re: 3 le 2 di dira 5) 2. Morutabana o pakolola dititulo tse 2. O oketsa ka tse 2. Dititulo di kae jaanong? 2 le 2 → 4. 3. Morutabana o tsholetsa letsogo le lengwe. Are "Bala menwana ya me. Fa ke fittha monwana o le mongwe, o bona menwana e le kae? 5 o tlosa 1 → 4. 4. Lettelela barutwana go bala menwana mo go lengwe la diatla tsa bone. Fittha monwana o le mongwe, o bona menwana e le kae? 5 o tlosa 1 → 4. Tiriso ya dikgongwa tsa didiriswa tsa tekanothakoretharo (3-D) Lettelela barutwana go pakolola dibadisi tse 6 le go dira se se latelang: - Morutabana o naya morutwana mongwe le mongwe dibadisi di le 6. Morutabana o neela ka ditaelo mme barutwana ba a araba sekao: pakolola dibadisi tse 2, oketsa ka tse 3. tsotthe di kae ? 2 le 3 → 5. - Bala dibadisi tse 4. Bala tse 2 go tloga ka nne. O na le tse kae jaanong? 4 le 2 → 6. - Bala dibagga tsotthe tse o nang le tsone. Fa o huparela dibagga tse pedi ka seatla sa gaggo, o bona dibagga tse kae? 6 o tlosa 2 → 4. Dirisa dipopego kgotsa ditshwantsho tsa dikadikgongwa tsa tekanothakorepedi (2-D) Dira malepa /malea a dipalo le go lettelela barutwana go tlhotlhomisa ka go a dirisa malea/ diphassele.		Malepa/diphassele tsa dipalo

Beke 33	Nako e e tshitshintsweng ya go ruta	
Kitsiso	Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) +- metsoeo e le 30 ka letsatsi (+- 5 ditirwana tsa dipalo mo bekeng)	Boleele jwa nako jo bo lekanyeditsweng
Setlhogo	Dinthha tsa thaloso	Letsatsi 1
3.3 Dipopego tsa tekanothakorepedi (2-D)	<p>Lemoga , tlhaola le go tlhalosa dipopego tekanothakorepedi (2-D)mo</p> <p>Ponokakanyo</p> <ul style="list-style-type: none"> • Tlhopha dikarolo go tswa go palo e e feletseng <p>Metshameko ya go dirisa mmele</p> <p>Morutabana o tlhalosa sediriswa le go botsa barutwana gore ke eng sekao:</p> <ul style="list-style-type: none"> - "Ke gopotsse sengwe se se khibidu, se na le maotwana a le mane, dikgoro tse nne le lethabaphefo le le bulegang,e dira modumo "wroom". Tiro e e ka dirwa ka dithophha mme ya fetolelwaa go nna kgaisano - sethophha se sengwe se tshwanetse go thalosa , se sengwe se tshwanetse go fopholetsas sediriswa seo." - Thalosa motho o laele barutwana go tlhopha motho yoo. <p>Dirisa dikadikgonngwa tsa dipopego tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Bontsha morutwana setshwantsho le go mo lettlela go se lebelela. Se tlose , o kope morutwana go tlhalosa ka bottao se a se gopolang. - Tsaya ditshwantshong. Tserya dikarolwana le ditshwantsho mo teng ga lebokoso, kopa barutwana go lebelala dikarolwana tsa setshwantsho se se thaelang sa setshwantsho se ba se ntshiseng. - Thala ditshwantsho tse di sa felelang mo leithareng la pampitshana mme lo lope barutwana go feleletsas setshwantsho. 	<p>Dithusa-thutto tse di atlegenesitsweng</p>  

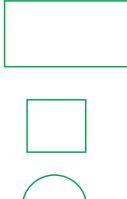
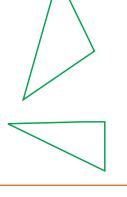
Bekete 33 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) + metsotsotso e le 30 ka letsatsi (+ 5 ditirwana tsa dipalo mo bekeng)		
Sethogo Tekano	<p>3.4</p> <p>Dintitha tsa thaloso</p> <ul style="list-style-type: none"> Godisa temoso gore mmele wa motho o na lethakore la moja le la molema tse di kgonang go tshikinyega di ikemetsese . <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Tsenya rekere mo letsoggong la morutwana mongwe le mongwe la moja. Opela pina ya go itshikinya "ke tsenya leoto la me la moja mo teng" <p>Letelela barutwana:</p> <ul style="list-style-type: none"> Go baya seatia sa moja mo dithihogong tsa bona. Ama lengole la molema ka sekgono sa moja. Ama legetia la moja ka letsogo la molema jalo jalo <p>Tiriso ya didiriswa tsa dikgonngwa tsa tekanyothihakoretharo 3-D</p> <p>Naya morutwana mongwe le mongwe boloko jwa go aga</p> <p>Letelela barutwana go dula mo mmetsisheng le :</p> <ul style="list-style-type: none"> Bayaa boloko mo lethakoreng la moja/ mo lethakoreng la molema. Mo legetteng la molema / le la moja. Mo lengoleng la molema / le la moja. Mo leotong la molema / le la moja jalo le jalo. <p>Tiriso dikadikgonngwa tsa dipopego kgotsa ditshwantsho tsa tekatekanyo thihakorepedi (2-D)</p> <ul style="list-style-type: none"> Morutwana mongwe le mongwe o newa lethare la pamphitshana le kerayone. Letelela barutwana go thala mola mo gare ga lethare la pamphitshana go tloga kwa godimo go ya kwa tlase le mola o mongwe fa gare go tloga kwa molemeng go ya kwa mojeng. Morutabana o neela ditatelo: <ul style="list-style-type: none"> Bayaa monwana wa gago mo gare ga sefapano. Thala sediko mo godimo kwa molemeng wa boloko. Thala khutlotharo mo bolokong kwa tlase mo mojeng. Thala khutlonne-tsepa mo bokolong mo molemeng kwa tlase . Tlottlang ka setshwantsho sa posetara. Barutwana ba araba dipotsa tse di ba kgontshang go thalosa (kwa ntle ga go supa) maemo a dillo mo ditshwantshong. 	<p>Dithusa-thuto tse di atlegenesitsweng</p> <p>Dipina tse di opelwang o itshikinya/raema sekao : " ke baya kgato ya molema mo"</p> <p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p>	

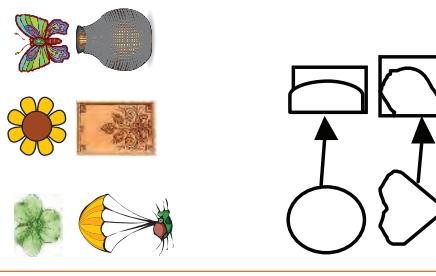
Beket 34	Nako e tshitshintsweng ya go ruta : Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsotsos ka letsatsi(± 5 Ditrwana tsa beke tsa dipalo)	
Sethogo	<p>1.1 Bala didiriswa.</p> <ul style="list-style-type: none"> • Tlhagiso ya bokao jwa palo ya ga 9 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fitlha go 9. Baleia kwa pele le kwa morago go fitlha go 9. Gatelela ka go bala ka bobedi o dirisa dipalo tsa go raema.</p> <p>Gatelela lebaditatelano: Morutabana o pakal didiriswa tse 6 mo moleng. Supa sediriswa sengwe le sengwe o ntse o bala : sa ntlha, sa bobedi, sa boraro, sabone, sa bothano, sa boratato .</p> <p>Gatelela kgopoloka ga “bontsi” le “mimalwa” Opa diaitala gantsi.....EMA.</p> <p>Opa diaitala mmalwanyana. Morutabana o opa diaitala go fitlha go 9. Boisa gore ke palo efe ya go opa diaitala e e ntsi/ntsase.</p> <p>Metshameko ya go dirisa mmele Letilela barutwana: <ul style="list-style-type: none"> - Bala go fitlha go 9 o ntse o palama mepalamo. - Thala palo ya ga 9 mo nmmung / foluru / fa fatshes mme o tsamaye mo godimo ga yone. - Opa diaitala ga 9. - Lemoga dipalo tsa 1 - 9 ka matshwao a dipalo tsa disete tse dikgolo. - Dirisa dikakanyo tsa gago go letilela barutwana go itemogela bokao jwa palo ya 9 ba dirisa mebele ya bone. </p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Dipina tsa palo le diraeme</p> <p>Baakkanya matshwaopalo a matonna</p>

Beket 34	Nako e tshitshintsweng ya go ruta : Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsotsos ka letsatsi(± 5 Ditrirwana tsa beke tsa dipalo)		
Sethogo	<p>1.6 Dithegeniki tsa tsa tharabololo ya dipalo</p> <p>Tiriso ya dikgongngwa tsa tekanothakoretharo (3-D)</p> <p>Morutabana o bopa molapalo kgotsa llere ya dipalo mo folurung kgotsa fa fatshe</p> <ul style="list-style-type: none"> - Simolola ka nako tsotlhe ka go ema fa godimo ga lefela kgotsa o simolole fa go lefela. - Bala ka nako tsotlhe o ntse o tsamaya. - Tswelela go ya kwa palong ya 5. Boela kwa morago go 2. Tsamaela kwa pele go 8. - Tswelela go ya kwa go 8. Tsamaela kwa pele go 1. Tsamaela kwa morago go 2. - Ke palo efe e latelang mo morago ga 3? - Ke palo efe e tleng pele ga 7 - Godisa temoso ka ga tshomarelo ya dipalo ka go lettelela barutwana go paka dibadisi tse robongwe kgotsa go paka didiriswa ka disela tse di farologaneng sekao:  <p>Fa o bala, palo ya didiriswa ga e amiwe ke bogolo jwa tsone, kgotsa maemo kgotsa ke mefuta e tshwanang sekao:</p> <ul style="list-style-type: none"> - Rulaganya ditalamu di le 9,dipensele tse 9, dihula huputse 9, barutwana ba le 9 jalo jalo. - Bala go ya ka dithulaganyo tse di farologaneng,sekao di bale o di anamisitswe, di bapile,mo moleng kgotsa di thathagane. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikgongngwa tsa tekanothakorepedi (2-D)</p> <p>Dirisa palo ya 9 mo tirisong e tlwaelegileng</p> <p>Lettelela barutwana go:</p> <ul style="list-style-type: none"> - Bapisa karata tsekedimo ya setshwantsho le ya marontho a a tshwanang.Paka palo ya dibadisi tse di tshwanang. 	<p>Dintitha tsa thaloso</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p>	<p>Litere ya dipalo</p> <p>Malatsi 2</p>

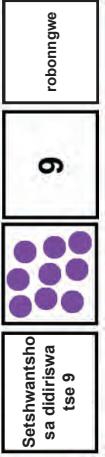
Beket 34	Nako e tshitshintsweng ya go ruta : Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsorso ka letsatsi(± 5 Ditrwana tsa beke tsu dipalo)	
Sethogo	<p>1.3 Matshwaopalo le dipaloina</p> <ul style="list-style-type: none"> • Lemoga matshwao a palo le la leinapalo Metshameko ya go dirisa mmele <p>- Baya didiriswa di le 5 mo moleng.</p> <p>- Lettelelwa barutwana go di lebelela ka leithlo le lenthosho.</p> <p>- Barutwana ba lebelela go sele mme morutabana o tlosa sediriswa se le sengwe.</p> <p>- Barutwana ba tshwanetse go mmolelela gore ke sediriswa sefe se se tlotsitsweng.</p> <p>- Busetsa didiriswa le go boeletsa kgapetsa kgapetsa le go tswela ka go tlosa didiriswa tse 2 kgotsa go feta.</p> <p>Lettelelwa barutwana :</p> <ul style="list-style-type: none"> - Thophya letshwaopalo la 9 le leinapalo fa gare ga dikarata tsekedimo tse dingwe. - Baya karata tsekedimo ya letshwaopalo mo thulaganyong e siameng fa fatshe. - Baya karata tsekedimo ya letshwaopalo mo thulaganyong e phatthaletseng. <p>Kgaoganya barutwana ka ditlhophha tse dinnye. Morutabana o naya setlhophha sengwe le sengwe dikarata tsekedimo tsu letshwaopalo.</p> <p>Neela barutwana ditaelo sk:</p> <ul style="list-style-type: none"> - Ama palo 4, bay a seksono sa gago fa palong ya 8, dula fa godimo ga 3, dikologa palo ya bo 5 ga thano jalo jalo. - Tshameka metshameko ka go golaganya palo ya dibadisi ka leinapalo, letshwaopalo,marontho le ditswhantsho. - Neteftasa gore letshwacpalo le leinapalo ka gale le golaganngwa le palo ya didiriswa tse di tshwanang. 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>didiriswa tse 5 (go gopola go ya ka pono)</p> <p>Dibadisi</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">Setshwantsho sa didiriswa tse 9</div> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">9</div> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">robongwe</div> </div> <p>Disete tsu dikarata tsekedimo tse di mmalwa tse di akaretsang palo ya 1 go fiftha ka 9</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">Setshwantsho sa didiriswa tse 9</div> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">9</div> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">robongwe</div> </div> <p>Dikarata tsekedimo tsu letshwaopalo le leinapalo,marontho le ditswhantsho sekao</p> <p>Dibadisi</p>

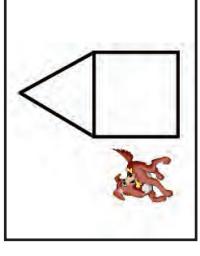
Beke 34	<p>Nako e tshitshintsweng ya go ruta :</p> <p>Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsotso ka letsatsi(± 5 Ditrwana tsa beke tsa dipalo)</p>	
Setlhogo	<p>3.1 Maemo, kitsiso, le dipono</p> <p>Dintlhha tsa thaloso</p> <ul style="list-style-type: none"> • Latela dikaelo ka go tsamaela kgotsa go ipaya fa gare ga boalo jo bo kgetheglleng • Godisa kgopoloo ka ga dikaelo • Metsahameko ya go dirisa mmele <p>- Thala khutlo-tharo e tonna, kgotsa khuttonne fa fatshe/mo folorung.</p> <p>- Barutwana ba tsamaya go bapa le popego ba goeletsaa godimo go supa gore ba retologela kwa molemeng kgotsa kwa mojeng.</p> <p>Tiriso ya dikgongngwa tsa didiriswa tsa tekanothakoretharo (3-D)</p> <p>Thala khutlotharo e tonna, kgotsa khuttonne mo lethareng la pampitshana, o e beye mo fatshe.</p> <p>Letlelela morutwana a le mongwe go:</p> <ul style="list-style-type: none"> - kgorometsa sejanaga sa go tshameka fa thoko ga mela. - barutwana bothie ba otoloiola diaita tsa bone tsa molema kgotsa tsa moja. <p>Letlelela barutwana go :</p> <ul style="list-style-type: none"> - thalosa didiriswa go tswa mo kakanyong tse di farologaneng sekao mpopisi (kwa pele/kwa morago) ntlo (kwa pele/kwa morago), kwa pele/kwa morago ga sekolo, sejanaga (kwa pele/kwa morago), go tswa gore o eme fa kae. - barutwana ba thalosa se ba se bonang sekao fa go na le setlhare fa pele ga ntlo, ba thalosa maemo a setlhare. <p>Tiriso ya dikadikgonngwa tsa tekanothakorepedi (2-D) kgotsa ditshwantsho</p> <p>Letlelela barutwana go itemogete kgopoloo ka ga Kwa pele/kwa morago ka go supa kwa ntheng ya setshwantsho.</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Leatsatsi 1</p> <p>Dithusa-thuto tse di attenegesitsweng</p>
Maemo, kitsiso, le dipono	<p>3.1</p> <p>Latela dikaelo ka go tsamaela kgotsa go ipaya fa gare ga boalo jo bo kgetheglleng</p> <p>Metsahameko ya go dirisa mmele</p> <p>- Thala khutlo-tharo e tonna, kgotsa khuttonne fa fatshe/mo folorung.</p> <p>- Barutwana ba tsamaya go bapa le popego ba goeletsaa godimo go supa gore ba retologela kwa molemeng kgotsa kwa mojeng.</p> <p>Tiriso ya dikgongngwa tsa didiriswa tsa tekanothakoretharo (3-D)</p> <p>Thala khutlotharo e tonna, kgotsa khuttonne mo lethareng la pampitshana, o e beye mo fatshe.</p> <p>Letlelela morutwana a le mongwe go:</p> <ul style="list-style-type: none"> - kgorometsa sejanaga sa go tshameka fa thoko ga mela. - barutwana bothie ba otoloiola diaita tsa bone tsa molema kgotsa tsa moja. <p>Letlelela barutwana go :</p> <ul style="list-style-type: none"> - thalosa didiriswa go tswa mo kakanyong tse di farologaneng sekao mpopisi (kwa pele/kwa morago) ntlo (kwa pele/kwa morago), kwa pele/kwa morago ga sekolo, sejanaga (kwa pele/kwa morago), go tswa gore o eme fa kae. - barutwana ba thalosa se ba se bonang sekao fa go na le setlhare fa pele ga ntlo, ba thalosa maemo a setlhare. <p>Tiriso ya dikadikgonngwa tsa tekanothakorepedi (2-D) kgotsa ditshwantsho</p> <p>Letlelela barutwana go itemogete kgopoloo ka ga Kwa pele/kwa morago ka go supa kwa ntheng ya setshwantsho.</p>	<p>Leatsatsi 1</p> <p>Dipopego tse dikgolo tse di thadilweng mo lethareng la pampiri</p> <p>sejanaga sa go tshameka</p> <p>Mpopisi</p> <p>Ntlo ya nnete</p> <p>sejanaga</p>

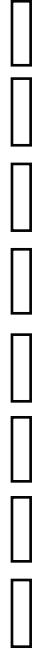
Beke 34	Nako e tshitshintsweng ya go ruta : Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsotsotso ka letsatsi(± 5 Ditrwana tsa beke tsa dipalo)	
Setlhogo	<p>Dipopego tsa tekanothihakorepedi (2-D)</p> <p>3.3 Dipopego tsa tekanothihakorepedi</p> <ul style="list-style-type: none"> • Lemoga, supa le naya leina la tekanopopegothihakorepedi(2-D) mo phaposing le mo • Gatelelela kitso ka ga sediko,khutlotharo,khutlonne le khutlonne-tsepa <p>Metshameko ya go dirisa mmele</p> <p>Letelelela barutvana go ema ka bobedi ka bobedi.</p> <ul style="list-style-type: none"> - Thala popego mo mokotleng wa tsala ka monwana.Morutwana yo mongwe a bolele gore ke popego ya mofuta mang. <p>Tiriso ya diriswa tsa dikgonngwa tsa tekanyotihakoretharo (3-D)</p> <p>Neela ka dipopego tsa thutatekano tsa bogolo le bokima jo bo farologaneng.</p> <p>Letelelela barutvana go:</p> <ul style="list-style-type: none"> - thaola dipopego tsa thutatekano go ya ka sekao didiko, dikhutlo-tharo, dikhutlo-nne le dikhutlonne-tsepa. - thaola dipopego tsa thutatekano go ya ka bogolo. - thaola dipopego tsa thutatekano go ya ka mmala. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgonngwa tsa tekatekanyogopedi (2-D)</p> <p>Letelelela barutvana go:</p> <ul style="list-style-type: none"> - segolola dipopego tse di umakilweng fa godimo go tswa mo lethareng la pampitshana. - Akaretsa dipopego tse dikgolo le tse dinnye, dikhutlotharo ka dikhutlo tse di farologaneng. - Thaola dipopego tsothe tse di farologaneng. - Rulaganya setshwantsho se se nang le dipopego tse di segolotsweng, o di dirise ka nako ya thuto ya botswereletshi. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsetsi 1</p> <p>Dithusa-thutto tse di atlenegesitsweng</p> <p>Dipopego tse di farologaneng</p> <p>Lethare le nang le didiko,dikhutlotharo le dikhutlonne le dikhutlonne-tsepa mo g lone.sekao</p> <p>Akaretsa dipopego tse dikgolo le tse dinnye tsa dikhutlo tse di farologaneng sekao</p>      

Beke 34	<p>Nako e tshishintsweng ya go ruta :</p> <p>Tirwana e le nngwe e baakantsweng e kaelwa ke morutabana (mosako) ya ± 30 metsotsotso ka letsatsi(± 5 Ditrirwana tsa beke tsa dipalo)</p>	<p>Sethogo</p> <p>Dinttha tsa thhaloso</p> <ul style="list-style-type: none"> Godisa temoso ya gore go na le tekatekano mo didirisweng Tiriso ya didiriswa tsa tekanothlakoretharo (3-D) <ul style="list-style-type: none"> Batta didiriswa tsa mnete tse di bontshang tekatekano(Lethakore le lengwe le tshwana le lethakore le lengwe ka fa ntheng e nngwe) sekao serurubele, lethare la tshesé jalo jalo. Morutabana le barutwana ba kgobokanya ditshwantsho tse di nang le methalo e e nang le tekatekano sekao methalo e e thadilweng mo ntiong, methalo ya diihaele, methalo ya setshwara-malomo le pharatsuti jalo jalo. <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgonngwa tsa tekanothlakorepedi (2-D)</p> <ul style="list-style-type: none"> Barutwana ba segolola popego ya pelo kgotsa setshwara-malomo go tswa mo lethareng le le minilweng ka halofo le go e kgabisa ka nako ya thuto ya botsweretshi jwa pono.
<p>Boleele jwa nako jobo lekanyeditsweng</p> <p>Dithusa-thuto tse di attenegesitsweng</p> <p>Letsatsi 1</p>  <p>kgapettana ya lethare le le minilweng ka halofo</p>		

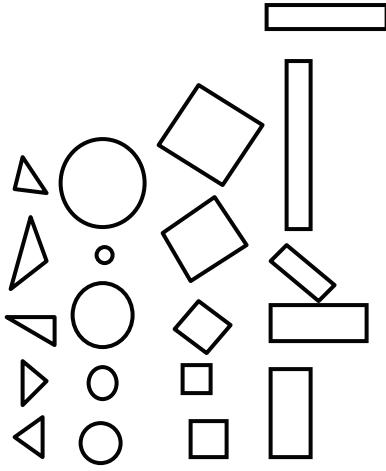
Beke 35 Tirwana e le nngwe ya go ruta: Tirwana e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsosots ka letsatsi(± 5 citirwana tsa dipalo ka beke)		
Sethogo		
1.1 Bala didiriswa	<ul style="list-style-type: none"> Gatelela kitso e eo e unguileng (boneng) mo bekeng ya 34 e e akaretsang palo ya bo 9. <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 9. Balela kwa pele le kwa morago go fittha go 9. Bala o ipoeletska go tloga go 1-10 Gatelela ka go bala ka bobedi o dirisa dipalo tsa diraeme Gatelela kgopololo ka ga "bontsi" le "bonnye" Opa diatla gantsi.....EMA. Opa diatla ga nnye. Morutabana o opa diatla go fittha go 9. Botsa gore ke palo efe ya go opa diatla e e ntsi/nye.</p>	<p>Dithusathuto tse di attenegesitsweng</p> <p>Dipina le raeme ya dipalo</p>
1.2 Tihalosa,bapisa le go rulaganya dipalo	<ul style="list-style-type: none"> Dirisa dipalo mo tirisong e e tlwaelegileng Tiriso ya didiriswa tsa dikgonngwa tsa tekanothakoretharo (3-D) <p>Lettelela barutwana:</p> <ul style="list-style-type: none"> - Bala didiriswa mo phaposing - Bala dibadisi - Morutabana o baya didiriswa ka tihathagano mo godimo ga tafole. Lettelela barutwana go fopholetska gore didiriswa di kae mo tafoling. Morago o di bale. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>letsatsi 1</p>
1.3 Lelela tsa thaloso	<ul style="list-style-type: none"> Gatelela kitso e eo e unguileng (boneng) mo bekeng ya 34 e e akaretsang palo ya bo 9. <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 9. Balela kwa pele le kwa morago go fittha go 9. Bala o ipoeletska go tloga go 1-10 Gatelela ka go bala ka bobedi o dirisa dipalo tsa diraeme Gatelela kgopololo ka ga "bontsi" le "bonnye" Opa diatla gantsi.....EMA. Opa diatla ga nnye. Morutabana o opa diatla go fittha go 9. Botsa gore ke palo efe ya go opa diatla e e ntsi/nye.</p>	<p>Dithusathuto tse di attenegesitsweng</p> <p>Dipina le raeme ya dipalo</p>
1.4 Tihalosa,bapisa le go rulaganya dipalo	<ul style="list-style-type: none"> Dirisa dipalo mo tirisong e e tlwaelegileng Tiriso ya didiriswa tsa dikgonngwa tsa tekanothakoretharo (3-D) <p>Lettelela barutwana:</p> <ul style="list-style-type: none"> - Bala didiriswa mo phaposing - Bala dibadisi - Morutabana o baya didiriswa ka tihathagano mo godimo ga tafole. Lettelela barutwana go fopholetska gore didiriswa di kae mo tafoling. Morago o di bale. 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>letsatsi 1</p>

Beke 35	<p>Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 citirwana tsa dipalo ka beke)</p>		
Sethogo	Dinthha tsa thaloso	Dithusathuto tse di attenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng
Lemoga matshwaopalo le mainapalo	<p>Tiriso ya dipopego tsa dikadikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - tshameka metshameko ka go golaganya palo ya dibadisi go leinapalo, letshwaopalo, marontho le ditshwantsho sekao. - Neteftasa ka gale gore letshwaopalo le leinapalo di golagantswe le palo e e tshwanang ya didiriswa. - Latela mothala wa palo ya 9 ka kerayone. 	<p>Karata tsekedimo e e nang le letshwaopalo le leinapalo, marontho le ditshwantsho sekao.</p> 	<p>Bolele jwa nako jo bo lekanyeditsweng</p>
Tihakanyo le tloso	<p>1.7 Tiriso ya didiriswa tsa dikgongwa tse di akaretsang palo 1 go fittha go 9 mo tirisong.</p> <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Tlotla kgang ka ga setlhare se se nang le nonyane e le nngwe mo go sone. Nonyane e nngwe e kopana le e nngwe. Go na le dinonyane tse kae jaanong? Barutwana ba diragatsa kgang khutswe e, ba dirisa mmamatthwane. 1 le 1 e go naya 2. Boeletsa kgang e, go fithela go na le dinonyane tse 9 <p>Tiriso ya didiriswa tsa dikgongwa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Tsala e le nngwe e na le dibadisi di le 8 sekao diphologolo tsa polasitiki mme tsala ya gagwe e na le e nngwe go feta. Ba na le diphologolo tsa polasitiki tse tsotthe di le kae? 8 le 1 → 9 <p>Tiriso ya dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Naya morutwana mongwe le mongwe lethare la pampitshana ya tirwana le le nang le setshwantsho sa setlhare mo go lona. Barutwana ba baya padisi e le nngwe mo godimmo ga setlhare. Ba tswelela ba oketsa padisi e le nngwe ka nako e le nngwe mo setlhareng. 	<p>Letsetsi 1</p>	<p>Letsetsi 1</p>

Beke 35	Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) tsaa ± 30 metsosostso ka letsatsi(± 5 citirwana tsaa dipalo ka beke)	Boleele jwa nako jo bo lekanyeditsweng	
Sethogo	<p style="text-align: center;">Dintitha tsaa thhaloso</p> <p>• Tithalosa kamano ya didiriswa tse pedi go ya ka maemo ya tsona</p> <p>Metsahameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutwana o kopa tsala go ema fa gare ga didiriswa di le pedi/kgotsa fa gare ga barutwana. - Morutwana o kopa tsala go ema go bapa le mosetsana yo o apereng mosesse o botala jwa loapi - Morutwana o kopa tsala go ema go bapa le mosimane yo o nweleng diramphetshane tse di khunou. <p>Tiriso ya dikgongwa tsaa tekanothlakoretharo (3-D)</p> <ul style="list-style-type: none"> • Pega thudi fa gare ga didiriswa tse pedi. • Barutwana ba pega diaparo tsaa nnete go ya ka ditaelo tse di kgethegileng sekao: <ul style="list-style-type: none"> - “pega hempe mo lethakoreng la molema la thudi ya diaparo.” - “pega mosesse mo lethakoreng la moja la hempe” - pega sakatuku go bapa lejalo jalo.” - “pega borukgue fa gare gajalo jalo.” <p>Tiriso ya dipopego kgotsa ditshwantsho tsaa dikadikgongwa tsaa tekanothlakorepedi (2-D)</p> <ul style="list-style-type: none"> • Thala setshwantsho sa ntlo go ya ka ditaelo sekao. <ul style="list-style-type: none"> - Thala marulelo kwa godimo mo lethareng - Thalamabota a ntlo fa gare ga lethare jalo jalo - Thala ntswa mo lethakoreng la molema la ntlo. <p>Lethare le se ka la nna le tonna thata go netefatsa gore dipopego tse di farologaneng dia amana go dira setshwantsho sa ntlo.</p>	<p style="text-align: center;">Dithusathuto tse di attenegesitsweng</p>  <p>Letatsi 1</p>	<p style="text-align: center;">Boleele jwa nako jo bo lekanyeditsweng</p> 

Beke 35	Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposie e baakantsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 citirwana tsa dipalo ka beke)	
Sethogo	<p>3.3 Dipopego tsa tekanothakorepedi (2-D)</p> <p>Dintitha tsa thaloso</p> <p>Lemoga, tlhopha le go neela maina a dipopego tsa tekanothakorepedi mo phaposing le mo ditshwantshong:</p> <ul style="list-style-type: none"> - Tshomarelo ya popego • Gatelela kitso e e ungulweng ka ga khuttonne-tsepa <p>Tshomarelo ya popego ke bogkoni jwa go farologanya gare ga dipopego mo tikologong ya rona go sa kgathalesege bogolo iwa tsone kgotsa bogolo jwa dikhutto tsa tsone.</p> <p>Tiriso ya didiriswa tsa dikgonngwa tsa tekanyothakoretharo (3-D)</p> <p>Naya sethophya sengwe le sengwe diboloko tsa bogolo jo bo farologaneng tsa popego kgaoganya barutwana ka dithophpha.</p> <ul style="list-style-type: none"> - Naya sethophya sengwe le sengwe diboloko tsa bogolo jo bo farologaneng tsa popego ya dikhuttonne-tsepa tse 9. <p>Letelela barutwana go :</p> <ul style="list-style-type: none"> - tlhaola diboloko tsa dipopego tsa dikhuttonne-tsepa ka ditthopha tsa bogolo jo bo lekanang. - bala palo ya diboloko tsa kago. <p>Morutabana o neela ditaelo tse di latelang:</p> <ul style="list-style-type: none"> - Baya diboloko tsa dipopego tsa dikhuttonne-tsepa mo moleng o o rapaletseng.  <ul style="list-style-type: none"> - Baya diboloko tsa dipopego tsa dikhuttonne-tsepa mo maemomng a a tlhamaletseng.  <ul style="list-style-type: none"> - Baya diboloko tsa dipopego tsa dikhuttonne-tsepa mo moleng yo o matshweka  <ul style="list-style-type: none"> - Morutabana o naya morutwana mongwe le mongwe lenathwana la wulu. Barutwana ba bopa popego ya khuttonne-tsepa ka wulu.. <p>Morutabana o supa gore popego ya khuttonne-tsepa ya morutwana mongwe le mongwe e a farologana, mme fela e santse e le khuttonne-tsepa.</p>	<p>Boleele jwa nako jo bo lekanedyeditsweng</p> <p>Boolele jwa nako jo bo lekanedyeditsweng</p> <p>Letatsi 1</p> <p>Tlhopha ditrwana tse di rileng</p> <p>Dithusathuto tse di attenegesitsweng</p> <p>Dithusathuto tse di attenegesitsweng</p> <p>Letatsi 1</p>

Beke 35 Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsosots ka letsatsi(± 5 ditirwana tsa dipalo ka beke)	Sethogo	3.3 Dipopego tsa tekanothakorepedi (2-D)	Dintiha tsa thaloso	Dithusathuto tse di attenegesitsweng	Boleele jwa nako jo bo lekanyeditsweng
<p>Nako e e tshitshintsweng ya go ruta: Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsosots ka letsatsi(± 5 ditirwana tsa dipalo ka beke)</p>	<p>3.3 Dipopego tsa tekanothakorepedi (2-D)</p>	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgongwa tsa tekatekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutabana o thala dikarata tsekedimo tse 20 tse di farologaneng, nngwe le nngwe ka dikhutlo tse thano tse di farologaneng, didiko, dikhutlo tse di farologaneng, didiko, dikhutlionne-tsepam go tsone sekao. 	<p>Dintiha tsa thaloso</p>	<p>Dithusathuto tse di attenegesitsweng</p>	<p>Boleele jwa nako jo bo lekanyeditsweng</p>



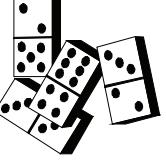
Morutabana o kgaoganya barutwana ka ditthopha.

Letelela barutwana go:

- thao la karata tsekedimo ya popego ya khutlionne-tsepam fa gare ga dipopego tse dingwe

Letelela barutwana go:

- thao la ditshwantsho tsotthe tsa ditshheše fa gare ga ditshwantsho tsa dithare le mathare jalo jalo.

Beke36	Tirwana e le nngwe ya phaposi e e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 ditirwana tsa dipalo ka beke		
Sethogo	<p>Thaloso ya dinthha</p> <p>Gatelela kitso e ungulweng (boneng) e e akaretsang palo go tloga ka 1 go fittha ka 9</p> <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 9.</p> <p>Balela kwa pele le kwa morago go fittha go 9.</p> <p>Gatelela go bala ka bobedi o dirisa dipalo tsa diraeme</p> <p>Gatelela kgopololo ka ga “bontsi” le bonnye”</p> <p>Opa diaitla gantsi.....EMA.</p> <p>Opa diaitla ga nnye. Morutabana o opa diaitla go fittha go 9.</p> <p>Tiriso ya didiriswa tsa dikgonngwa tsa tekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> - bayu didiriswa ka ditthopha tse di akaretsang palo go tloga go 1 go fittha go 9, o balele didiriswa kwa godimo. - tshameka ditomino tsa dipalo <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgonngwa tsa tekanothakorepedi (2-D)</p> <p>Naya morutwana mongwe le mongwe karata ya setshwantsho, lerontho, letshwaopalo kgotsa leinapalo</p> <p>Barutwana ba araba ka go latela ditraelo tsa morutabana</p> <ul style="list-style-type: none"> - Barutwana ba dula mo sedikong. - Morutabana o bitsa palo sekao 9. Barutwana ba tshwereng karata tsa setshwantsho, lerontho, letshwaopalo le leinapalo le le emelang 9, ba potologa sediko, ba re: “ke na le tse robongngwe” - Booletsa ka dipalo tse dingwe. - Fa mongwe le mongwe a bone tshono ya go nna palo, bitsa dipalo ka thulaganyo. - Barutwana ba a ema, ba tsholetsa dipalo tsa bone mo moyeng fa di ntse di bitswa. - Lebelela gore a barutwana ba kgona go ithullaganya ka bobone ka dipalo go tloga ka 1 go fittha go 9. - Lebelela gore barutwana ba kgona go rulaganya dikarata tsothe tse di emelang palo 1, 2, le 3 go fittha ka palo ya 9. 	<p>Dithusathuto tse di attenegesitsweng</p> 	<p>Boleele jwa nako jo bo lekanyeditsweng</p> <p>Letsetsi 1</p> <p>Dipina tsa dipalo le diraeme</p> <p>Didiriswa mo phaposing. ditomino tsa dipalo</p> <p>Barutwana mo phaposing ba newa dikarata tsekedimo tsa palo e e akaretsang 1 go fittha ka 9 tse di lekaneng.</p>

Beke36	Tirwana e le nngwe ya phaposi e e baakanyeditsweng e kaelwa ke morutwana (mosako) tsa ± 30 metsostso ka letsatsi (± 5 ditiqwana tsa dipalo ka beke		
Sethogo	Thhaloso ya dinttha	<p>Dithusathuto tse di attenegesitsweng</p> <p>Boleele jwa nako jo bo lekanedyeditsweng</p>	<p>Letsetsi 1</p> <p>Letsetsi 1</p>

1.4 Thhalosa, bapisa
le go rulaganya
dipalo

- Bapisa gore ke didiriswa dife tse pedi tse di neetsweng di kgobokantswe tse:

- dintsi go
- dinnye go (mmalwa)
- di lekanang le (di tshwana)

Tiriso ya didiriswa tsa dikgongngwa tsa tekanyothakoretharo (3-D)

- Morutabana o neelana ka didiriswa tse di farologaneng jaaka mathhare, majie, dikhurumelo tsa dibotilo. dikerayone, diboloko jalo jalo

Letelela barutwana go:

- di thhaola go ya ka dithophpha sekao majie otthe mmogo.
- bala palo ya didiriswa mo sethopheng sengwe le sengwe.
- supa gore ke sethophpha sefe se "se ntsi go", se se nnye go" le se se lekanang le".

Disete tse di akaretsang dipalo tse di fithhang go 9:

- Barutwana ba dula mo nmetseng le go dira dintlhaga tse pedi ka wulu.
- Morutabana o neela barutwana ka ditaelo gore ba beye dibadisi tse 2 mo sentlhageng se le sengwe le tse 4 mo sentlhageng se sengwe.
- Botsa dipotsa jaaka: "Ke sentlhaga sefe se se nang le tse "dintsi go", nnye go" le didiriswa tse di tshwanang" ka palo sekao sentlhaga se se nang le dibadisi tse 2 se se nnye go se se nang le dibadisi tse 4.



- Lettelela barutwana go bopapalo e e ntsi go", e e nnye go" le e e lekanang le disete tse fithhang go 9.

Beke36	Tirwana e le nngwe ya phaposi e e baakanyeditsweng e kaelwa ke morutwana (mosako) tsa ± 30 metsostso ka letsatsi± 5 ditirwana tsa dipalo ka beke		
Sethogo	Thaloso ya dinthha	Dithusathuto tse di attenegesitsweng	Boleele jwa nako jo bo lekanyeditsweng
1.13	<ul style="list-style-type: none"> Rarabolola ka motlotlo dipalo tsa go thikanya le go tlosa tse di akaretsang dipalo go tioga ka 1 go fittha go 9 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 9.</p> <p>Balela kwa pele le kwa morago go fittha go 9.</p> <p>Gatelela go bala ka bobedi o dirisa dipalo tsa diraeme.</p> <p>Gatelela palokemotatelano:</p> <p>Morutwana o pakka didiriswa tse 6 mo moleng. A supa sediriswa sengwe le sengwe a ntse a bala sa nthia, sa bobedi, sa boraro, sa bone, sabotlhano.sa borataro.</p> <p>Gatelela kgopoloka ga “bontsi” le bonnye”</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla ga nnye. Morutwana o opa diatla go fittha go 9.</p> <p>Botsa gore ke palo efe ya go opa diatla e e ntsi/nnye.</p>	<ul style="list-style-type: none"> Rarabolola ka motlotlo dipalo tsa go thikanya le go tlosa tse di akaretsang dipalo go tioga ka 1 go fittha go 9 <p>Pina ya dipalo le diraeme</p>	Letsetsi 1
Tihakanyo le Tloso		<p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> Morutwana o billetsu morutwana a le mongwe kwa pele. Morutwana o baya palo e e farologaneng ya dibaga (go fittha go 9) mo seatleng sa morutwana mongwe le mongwe sekao 4 mo seatleng se sengwe le 5 mo seatleng se sengwe. Morutwana o rulaganya barutwana mo ditliphopheng tsa boronngwe. Barutwana ba dula fa fatshe. Morutwana o kopa barutwana ba ba 2 go ema ka dinao. Morutwana o botsa gone “ke barutwana ba le kae ba ba dutseng fa fatshe?” 	Dibaga kgotsa Dibadisi

Beke36	Tirwana e le nngwe ya phaposi e e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi± 5 ditirwana tsa dipalo ka beke		
Sethogo	Thaloso ya dinthha	Dithusathuto tse di attenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng
1.13	Tiriso ya didiriswa ya tsa dikgongwa tsa tekanyothakoretharo (3-D) Tihakanyo le tlosa <ul style="list-style-type: none"> - Barutwana ba dula mo nmmetsheng. - Morutwana mongwe o newa dibaga tse 9 di beiwe mo teng ga kop i ya polasitiki. - Tsaya dibaga tse 6 go tsawa mo kop ing, o di beye mo piring. Tsaya dibaga tse dingwe tse 3 mme o oketse tse di mo piring. Go na le dibaga di le kae mo kop ing? 6 le 2→8. - Tsaya dibaga tse 4 go tsawa mo kop ing , o di beye mo kop ing ya polasitiki. Tsaya tse dingwe tse 5, o di tlhakanye le dibaga tse di mo kop ing ya polasitiki. Go na le dibaga tse kae mo kop ing? 9 o tlosa 4, gape tlosa 5→0. - Tlosa dibaga tse 4 go tsawa mo kop o di tsenye mo piring. Go setse tse kae mo piring? 9 o tlosa 4 □5. - Tlosa dibaga tse 5 go tsawa mo kop ing o di tsenye mo piring. Go setse tse kae mo piring? 5 o tlosa 5 □0. Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgongwa tsa tekanothakorepedi (2-D) Kgaoganya barutwana ka ditlhophha. Naya setlhophha sengwe le sengwe sete ya dikarata tsekedimo tsa ditshwantsho <ul style="list-style-type: none"> - Bala ditshwantsho tse 6 mo dikarateng tsekedimo. Fa o oketsa ka karata tsekedimo ya ditshwantsho tse 2 mo go yone, o tla bo o na le di le kae? 6 le 2→8. - Bala didiriswa tse 8 mo karateng ya setshwantsho. Fa o khurumetsa ditshwantsho tse 3, o bona tse kae? 8 o tlosa 3→5. - Paka palo e e tshwanang ya dibadisi. 	Loga maano fa o sena dikopi le dipiring. Dikarata tsekedimo tse di mmalwa tsa ditshwantsho	Letsetsi 1
2.1	Dipaterone tsa tekano Metshameko ya go dirisa nmmele <ul style="list-style-type: none"> - Morutabana o kgaoganya barutwana ka ditlhophha tse tharo. Sebeletsa le go bontsha setlhophha sengwe le sengwe gore modumo wa sejanaga o a o emetsweng ke ofe. - Setlhophha sengwe le sengwe se dira modumo o se o neetsweng jaaka morutabana a ba laetsa, sekao: - Woosh, brrrm, zonk / Woosh, brrrm, zonk. 	Ditshwantsho tsa dijanaga tse di farologaneng kgotsa dimatshini	

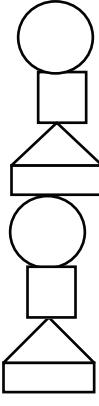
Beke36	Tirwana e le nngwe ya phaposi e e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi± 5 ditirwana tsa dipalo ka beke								
Sethogo	Thaloso ya dinthha	Dithusathuto tse di attlenegesitsweng	Bolele jwa nako jo bo lekanyeditsweng						
5.1	<p>Kgobokanya le go tlhaola didiriswa</p> <p>Tiriso ya diriswa tsa dikgonngwa tsa tekanyothakoretharo (3-D)</p> <p>A re tshameke motshameko:</p> <p>Tlhopha le go kgobokanya mmala wa motshameko wa seloko wa beke e e latelang sekao.</p> <ul style="list-style-type: none"> - Palo e e tshwanetseng ya rarabololwa ke go tlhomamisa gore ke mmala wa seloko sa go tshameka o tla dirisiwang beke e e latelang. <p>Kgobokanya tshedimosetso le go e tlhaola</p> <ul style="list-style-type: none"> - Dirisa didiriswa tota go dira kerafo jaaka diboloko, tlhatlhaganyo ya dikhubo, Lego le diboloko tsa Duplo tse di emetsweng ke mmala wa tege o o ipaakanyeditseng go o dirisa sekao botala jwa loapi, serolvana le mmala o motala. - Morutwana mongwe le mongwe o tlhopha boloko e le nngwe e e emelang mmala wa seloko o a o iithophetseng wa beke. 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letatsi 1</p>							
5.2	Dira sethalo sa didiriswa tse di tlhaotsweng	Thala kerafo	<p>Botala jwa loapi, serolvana le mmala o o talo lego- le diboloko tse di thathagantsweng (go diriswa mofuta o le mongwe)</p> <p>Dirisa didiriswa tota go dira kerafo jaaka diboloko, tlhatlhaganyo ya dikhubo, Lego le diboloko tsa Duplo tse di emetsweng ke mmala wa tege o o ipaakanyeditseng go o dirisa sekao botala jwa loapi, serolvana le mmala o motala.</p> <p>Morutwana mongwe le mongwe o tlhopha boloko e le nngwe e e emelang mmala wa seloko o a o iithophetseng wa beke.</p>						
5.3	Buisana le go bega ka didiriswa tse di kgobokantsweng di tlhaotswe.	Bala le go ranola tafole	<p>Botala jwa loapi, Serolvana mmala o motala</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>botala jwa loapi</td> <td>Serolvana</td> <td>mmala o motala</td> </tr> <tr> <td>2</td> <td>4</td> <td>2</td> </tr> </table> <p>Go ya kgetho ya barutwana mmala wa seloko wa motshameko wa beke e tla nna o o serolvana</p>	botala jwa loapi	Serolvana	mmala o motala	2	4	2
botala jwa loapi	Serolvana	mmala o motala							
2	4	2							

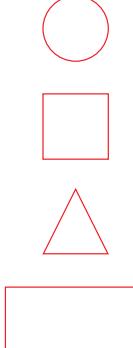
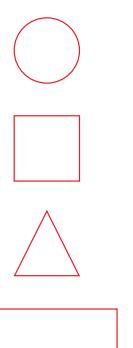
Beket 37 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutwana (mosako) tsa ± 30 metsostso ka letsatsi: 5 ditirwana tsa dipalo ka beke		
Sethogo	<p>1.1 Bala didiriswa</p> <p>Dintitha tsa thhaloso</p> <ul style="list-style-type: none"> Itsise bokao jwa palo ya 0 (lefela) <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 10 o simolola ka lefela.</p> <p>Baleia kwa pele le kwa morago go fittha go 10 o simolola ka lefela.</p> <p>Gatelela go bala ka bobedi o dirisa dipalo tsa diraeme</p> <p>Gatelela palokemo tatelano:</p> <p>Morutwana o paka didiriswa tse 6 mo moleng. Supa sediriswa sengwe le sengwe fa o ntse o bala sa nthha, sa bobedi, sa boraro, sa bone, sa botlhano, sa borataro.</p> <p>Gatelela kgopololo ka ga “bontsi” le mmalwa”</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla mmalwanyana. Morutwana o opa diatla go fittha go 10.</p> <p>Botsa gore ke palo efe ya go opa diatla e e ntsi/nyie.</p> <p>Morutwana o supa gore lefela le raya gore ga go na “sepe” le gore go bala go simolola go 1</p> <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutwana o supetsa barutwana paloina ya lefela. - Letlelela barutwana go supa gore ke karolo efe ya mmele e o kgonghang go bopa lefela ka yone. <ul style="list-style-type: none"> o Melomo ya barutwana o Menwana ya barutwana <p>Tiriso ya didiriswa tsa dikgongnwa tsa tekatekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutwana o baya padisi e le nngwe mo seatleng se sengwe, le sepe mo seatleng se sengwe. - O bulia seatla se sengwe sa gagwe, a bontsha barutwana padisi e le nngwe, o bula seatla se sengwe sa gagwe a supetsa barutwana gore ga go na sepe. - Tinwana e e kgona go dirwa o dirisa barutwana ka bobone. <p>Tiriso ya didiriswa tsa dipopego kgotsa ditshwantsho tsa didikgonngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Morutwana o bontsha barutwana dikarata tsakedimo tse di se nang ditshwantsho le letsawaopalo 0. 	<p>Bolele jwa nako jo bo lekanedyeditsweng</p> <p>Dithusathuto tse di attenegisitsweng</p> <p>Letsatsi 1</p> <p>Pina ya dipalo le diraeme</p>	<p>Bolele jwa nako jo bo lekanedyeditsweng</p> <p>Dithusathuto tse di attenegisitsweng</p> <p>Letsatsi 1</p> <p>Pina ya dipalo le diraeme</p> <p>Dibadisi</p> <p><input type="checkbox"/> 0</p>

Beket 37 Kitisiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 ditirwana tsa dipalo ka beke)		
Sethogo	Dinthha tsa thaloso	Bolele jwa nako jo bo lekanyeditsweng	
1.1 Bala didiriswa	<p>• Itsise bokao jwa palo 10</p> <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 10. Balela kwa pele le kwa morago go fittha go 10. Bala o ipoeletse 0-10</p> <p>Gatelela go bala letsatsi le letsatsi ka bobedi o dirisa dipalo tsa diraeme</p> <p>Gatelela go bala palokemo tatelano:</p> <p>Morutabana o pakha didiriswa tse 6 mo moleng.Supa sediriswa sengwe le sengwe o ntse o bala sa ntla,sa bobedi, sa boraro, sa bone, sa bottlano,sa borataro</p> <p>Gatelela kgopololo ka ga "bonksi" le bonnye"</p> <p>Opa diaitla gantsi.....EMA.</p> <p>Opa diaitla ga nnye. Morutabana o opa diaitla go fittha go 10.</p> <p>Botsa gore ke palo efe ya go opa diaitla e e ntsi/nye.</p> <p>Metshameko ya go dirisa mmele</p> <p>Lettelela barutwana go :</p> <ul style="list-style-type: none"> - Go aga palo ya 10 ka bobedi ba dirisa mebele ya bone (barutwana ba le 4) - Bala go fittha ka 10 o ntse o tsamaya ka morethetho wa moropa. - Tsholetsa menwana e le 10. - Thala palo 10 mo mmung/mo fatshe le go tsamaya mo go yona. - Tlola ga le 10. - Tsenya dipalo tse di segolotsweng mo khatebotong mo teng ga kgetsana e e "phopholediwang". - Tshola sete ya dikarata tsekedimo ka ditshwantsho tse di emelang palo sekao dibolo tse pedi mo karateng e e kwadiiweng 2. Morutwana o phopholetsa dipalo mo kgetsaneng le go e bapsisa le dikarata. 	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Thophpha ditirwana tse di mmalwa</p> <p>Pina ya dipalo le diraeme</p> <p>Letsatsi 1</p> <p>Segolola dipalo mo khatebotong</p> <p>Karata tsekedimo e e tonna ya letshwaopalo.</p>	

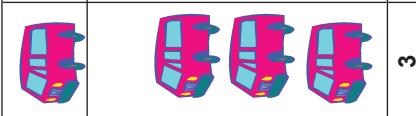
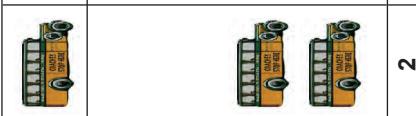
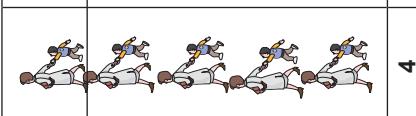
<p>Beket 37 Kitsiso</p> <p>Sethogo</p>	<p>Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsotsso ka letsatsi(± 5 dilitrwanas tsa dipalo ka beke beke)</p> <p>Dintitha tsa thhaloso</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Dithusathuto tse di attenegisitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p>
<p>1.1 Bala didiriswa</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> - Ntsha dipalo tsa bone tsa mogala ba dirisa dikarata tse ditonna tsa letshwaopalo. Ba lemose gore lerefela le emetse eng mo palong ya le 10. - Godisa temogo ka ga tshomarelo ya palo ka go lettelela barutwana go paka dibadisi tse thhanog kgotsta go paka didiriswa ka ditsela tse di farologaneng sekao. 	<p>Dikarata tsekedimo tse di kwadilweng dipalo tsa barutwana tsa mogala</p> <p>1 7 8 0 4 3 5 6 9 2</p> <ul style="list-style-type: none"> - Fa o bala, palo ya didiriswa ga e amiwe ke bogolo jwa tsone kgotsa maemo kampo fa e le ya mofuta o le mongwe. Sekao: - Rulaganya ditalama tse di 10, dipensele tse di 10, dihula hupu tse di 10, barutwana ba le 10 jalo jalo. - Di bale ka thulaganyo e farologaneng sekao di bale di phatthaladitswe, di bapile, mo moleng kgotsa di thathagantswe. 	

Beket 37 Kitisiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi (± 5 diltirwana tsa dipalo ka beke)	Sethogo	Dintitha tsa thhaloso	Bolele jwa nako jo bo lekanyeditsweng
2.1. Dipaterone tsa jeonometeri	<p>Tiriso ya didiriswa tsa dipopego kgotsa ditshwantsho tsa dikadikgongwa tsa tekanothakorepedi (2-D)</p> <p>Letelela barutwana go latela ditaelo tsa morutwana:</p> <ul style="list-style-type: none"> - Baya didiriswa ka ditthopha tse di akaretsang dipalo 1 go fittha go 10 le go balela didiriswa kwa godimo. <p>Morutabana o kgaoganya barutwana ka ditthopha tse 5.</p> <p>Letelela barutwana:</p> <ul style="list-style-type: none"> - Rutaganya le go golaganya dikarata tsa ditshwantsho, karata tsekedimo tsa lerontho, letshwaopalo le leinapalo mo tatelamong e e nepagetseng go fittha go palo ya 10 sekao: <p>Jalo jalo.</p>	<p>Dithusathuto tse di atlengisitsweng</p> <p>Didiriswa mo phaposing</p> <p>Sete ya dikarata tsekedimo tsa ditshwantsho go fittha ka palo 10</p> <p>0</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Dibadisi</p>	

Beket 37 Kitisiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 dilitrwanas tsa dipalo ka beke)		
Sethogo	<p>2.1 Dipaterone tsa tekano</p> <ul style="list-style-type: none"> Tshameka motschameko wa paterone- “Hop scotch” Tsenyelsetso ya ikatiso ya mmele ya serutwa sa dikgono tsa botshelo Metschameko ya go dirisa mmele <ul style="list-style-type: none"> - Tsamaya mo phaposing. O latela letshwao kgotsa fa mmino o didimala, morutabana o bitsa leiina ia popego. Barutwana ba bopa popego ka menwana ya bona. Ba ka nna ba bopa dithophha, dipopego ka mebeli ya bone. - Thala paterone e e fa tlase mo fatshe kgotsa mo ferenteng gore barutwana ba tsamaye ka itsela e e rileng.  <p>Dintlha tsa thhaloso</p> <p>Dithusathuto tse di atlengisitsweng</p> <p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Letsatsi 1</p>		

Beket 37 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsotsos ka letsatsi (± 5 dilitrwanas tsa dipalo ka beke)		
Sethogo	Dinthha tsa thaloso	Boleele jwa nako jo bo lekanyeditsweng	Dithusathuto tse di attenegisitsweng
2.1 Dipaterone tsa tekano	<p>Tiriso ya didiriswa tsa dikgongnwa tsa tekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> Morutwana mongwe le mongwe o newa dipopego tse di latelang. 	<p>Morutwana mongwe le mongwe o newa dipopego tse di latelang.</p> 	<p>Morutabana o bopa paterone ka dipopego tsa gagwe</p> <p>Letelela barutwana go:</p> <ul style="list-style-type: none"> Kopoloila paterone ya morutabana ba dirisa dipopego tse di kwa godimo. Ba aga paterone tsa bona ka dipopego tse di neetsweng.
3.1 Maemo, kitsiso le dipono	<p>Latela dintlha go tsamaela kgotsa go ipaya boalong jo bo kgethegileng</p> <ul style="list-style-type: none"> Godisa kgopoloka ga dikaelo ka go diragatsa ditaelo tse di akaretsang molema le moja <p>Metshameko ya go dirisa mmele</p> <p>Letelela barutwana go latela ditaelo tsa morutabana:</p> <ul style="list-style-type: none"> Lebelela godimo / tlase/kwa ntle Inama/inamela kwa tlase. Tsholetsa leoto la molema/tsholetsat leoto la moja Gagaba o protologe tafole. Tsamaela kwa pele / kwa morago. Tsenya letsogo mo teng / kwa ntle. Ema mo lethakoreng la moja la setilo / ema mo lethakoreng la molema la setilo. Ema fa pele ga setilo sa gago / fa morago ga setilo sa gago. Ema fa gare ga dituluo tse pedi. Lebelela kwa mojeng / kwa molemeng. Sokologa ka leoto la gago la molema. Sokologa kwa leoto la gago la moja. 	<p>Ditaelo go tswa go morutabana.</p> <p>Mareo:</p> <p>Godimo / tlase Mo teng / kwa ntle kwa godimo / kwa tlase kwa pele / kwa morago Mo pele ga / mo morago ga Mo godimo / ka fa tlase Mo lethakoreng lengwe / mo lethakoreng le lengwe Go bapa le Molema / moja Fa gare</p>	Letsetsi 1

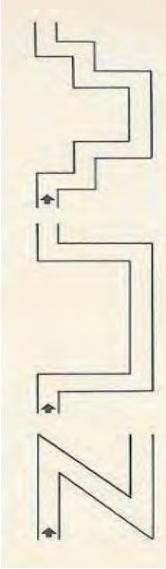
Beket 37 Kitsiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsotsso ka letsatsi(± 5 dilitirwana tsa dipalo ka beke)		
Sethogo	Dintitha tsa thhaloso	Dithusathuto tse di atlengisitsweng	Bolele jwa nako jo bo lekanyeditsweng
3.1 Maemo, kitsiso le dipono	<p>Tiriso ya didiriswa tsa dikgongwa tsa tekanyothakoretharo (3-D) Letilela barutwana go dira tse di latelang mo patikwalelong:</p> <ul style="list-style-type: none"> - Thala didiko le go tswelela o tsamaya o potologa gangwe le gape  <ul style="list-style-type: none"> - Thala mela e tlhamaletseng go tswa mo molemeng go ya kwa mojeng.  <ul style="list-style-type: none"> - Thala mela go tswa kwa godimo go ya kwa tlase.  <ul style="list-style-type: none"> - Morutabana o thala marontho a mabedi, barutwana ba thala mola go gokaganya marontho. 	<p>Patikwalelo</p>	

Beket 37 Kitisiso	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi (± 5 ditirwana tsa dipalo ka beke)					
Sethogo	Dintitha tsa thhaloso	Dithusathuto tse di attenegisisweng	Bolele jwa nako jo bo lekanyeditsweng			
5.1 Kgobokanya le go tthaola didiriswa	<ul style="list-style-type: none"> Kgobokanya le go tthaola didiriswa go ya ka diponagalo tse di neetsweng Gatelela kgopoloo ka ga dipalo tsa tshedimosetsso Tiriso ya didiriswa tsa dikgongnwa tsa tekanyothlhakoretharo (3-D) <p>- Morutabana o buisana le go batlisisa gore morutwana mongwe le mongwe o tla jang sekolong.</p> <p>- O bopha kerafo ya ditshwantsho e emelang barutwana ba ba tsanayang ka dinao, ba ba tlhang ka thekesi, ba ba tlhang ka sejanaga sa motsadi le ba ba tlhang ka bese sekao:</p> <p>5.2 Bapisa</p> <p>Tshwantshisa didiriswa tse di tthaotsweng di bo di kgobokanngwa</p>	<p>Bolele jwa nako jo bo lekanyeditsweng</p> <p>Lettsatsi 1</p> <p>Ditshwantsho tsa ditekesi tsa dimakasine, bese, sejanaga le morutwana yo o tsamayang ka dinao. Fa o sena ditshwantsho o ka loga leano le go thala tsa gago.</p>				
5.3 Buisana le go bega ka ga	<p>didiriswa tse di tthaotsweng di kgobokantswe</p>     <table border="1"> <tr> <td>4</td><td>2</td><td>3</td><td>1</td></tr> </table> <p>- Sekaseka dipholo ka go dirisa dipotso</p>	4	2	3	1	
4	2	3	1			

Beke 38	Tirwana e le ningwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi (± 5 ditirwana tsa dipalo ka beke	Boleele jwa nako jo bo lekanyetswang	Leletsatsi 1
Setlhogo	Dinthha tsa thaloso	Dithusa-thutto tse di attenegesitsweng	
1.1	<ul style="list-style-type: none"> • Gatelela Kitso e o e unguweng(boneng) ka beke ya 37 e e akaretsang dipalo 0 le 10 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha go 10.</p> <p>Balela kwa pele le kwa morago go fittha go 10.</p> <p>Bala o ipoeletska 0-10</p> <p>Gatelela go bala bobedi o dirisa dipalo tsa diraeme</p> <p>Gatelela palokemo tateлано:</p> <p>Morutabana o paka didiriswa tse 6 mo moleng. O supa sediriswa fa o ntse o bala sa ntsha, sa bobedi, sa boraro, sa bone sa bothano, sa boratato jaol jalo.</p>	<p>Gatelela kgopololo ka ga “bontsi” le bonnye”</p> <p>Opa diatta gantsi.....EMA.</p> <p>Opa diatta ga ga nnye. Morutabana o opa diatta go fittha go 9.</p> <p>Botsa gore ke palo efe ya go opa diatta e e ntsi/nnye.</p>	<p>Diraeme tsa dipalo le dipina</p>
		<p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutabana o thala didiko tse 11 (0 to 10) mo pattielong ya go tshameka kgotsa dirisa hula hupu. Kwala 0 le 10 mo teng ga sediko sengwe le sengwe. Morutabana o bitsa palo, morutwana o latihela kgetsana ya dinawa ya gagwe mo teng ga sediko e e biditsweng. - Gopotsa barutwana gore lefela ga le emeles sepe. Fa morutwana a latihela kgetsana ya dinawa mo teng ga sediko sa lefela, o tla tswa mo motshamekong. - Morutwana o latihela kgetsana ya gagwe ya dinawa mo sedikong se se tsamaelanang le lerontho le kgotsa karata ya setswantsho e e bontshiwang ke morutabana. - Morutabana o latihela kgetsana ya gagwe ya dinawa mo sedikong se se bontshang karata ya letshwaopalo le le bontshiwang ke morutabana. - Tswelela ka tsela e e tshwanang go dirisa karata ya leinapalo 	<p>Dikgetsana tsa dinawa tse 10</p> <p>Didiko tse di tshwantshitsweng mo fatshe kgotsa dirisa hula hupu</p>

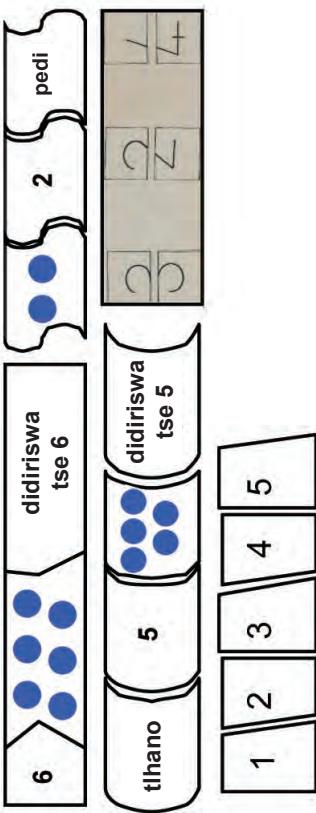
Beke 38	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutwana (mosako) tsa ± 30 metsostso ka letsatsi:± 5 dittirwana tsa dipalo ka beke	
Sethogo	Dintiha tsa thhaloso	Bolele jwa nako jo bo lekanyetswang
1.3 Matshwaopalo le dipaloina	<p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgongwa tsa tekanothakorepedi (2-D)</p> <p>A re tshameke motshameko:</p> <ul style="list-style-type: none"> - Morutwana o kwala leinapalo mo lethakoreng le lengwe la karata le go kwala letshwapalo mo lethakoreng le lengwe la karata e e akaretsang dipalo. - O go fittha go 10 (dirisa disete tse mmalwa). - Barutwana ba "buisa" leinapalo le go fopholetsatshwaopalo. - Ba pitkolola karata go ipaakanya. <p>1.4 Tthalosa, bapisa le go rulaganya dipalo</p> <p>A re tshameke motshameko:</p> <ul style="list-style-type: none"> • Itsise dipalokemotatelano ya ntlha,ya bobedi,ya boraro, go fittha ka ya borataro----ya bofelo Kakanyo e siame fa e agwa mo sebakeng sa nako e telele ka go dirisa le go tshwaya maemo a tlholego jaaka a diragala mo phaposing sekao: go salana morago mo moleng go ya kwa ntle "Ntobi ke wa ntlha, Tiotlo ke wa bobedi....." Metshameko ya go dirisa mmele <ul style="list-style-type: none"> - Lettelela barutwana go taboga lobelo. Ke mang fitthileng wa ntlha, ke mang yo o fitthileng wa bobedi le yo o fitthileng wa bofelo? <p>Tshameka motshameko-"Ke ofe ?"</p> <ul style="list-style-type: none"> - Kopala barutwana ba le bathano go dula mo moleng mo ditulong tse tlhan. - Morutwana a re "ke gopotse mongwe wa barutwana ba. Morutwana o apere jeresi e e khibidu" - O simolola ka morutwana yo o dutseng fa pele, o tsamaya go bapa le mola, o ama morutwana mongwe le mongwe, a boitsa."a ke morutwana wa ntlha, wa bobedi,wa boraro....." <p>Lettelela barutwana ba le 5 go ema mo mapalamong a a kwantile. Morutabana o baya karata ya letshwaopalo le le siameng ka fa tlase ga mapalamo a morutwana mongwe le mongwe. Mpontshe gore ke morutwana ofe yo o emeng mo:</p> <ul style="list-style-type: none"> - Mapalamong a ntlha. - Mapalamong a bobedi. - Mapalamong a boraro jalo jalo. <p>Morutwana yo o dutseng mo mapalamong a ntlha o tsholetsatshwaopalo a tsala nngwe mo phaposing e sena go neela ka karabo. Tswelela go fittha ka 6.</p>	<p>Dithusa-thuto tse di attlenegesitweng</p> <p>Sete ya dikarata tsa tsekedimo tsa dipalo tse di akaretsang 0-10 dikkarata tsekedimo tse di akaretsang dipalo</p> <p>1-10 ka leinapalo mo lethakoreng le lengwe le letshwaopalo mo lethakoreng le lengwe. (dira disete tse di mmalwa gore morutwana mongwe le mongwe a nne le karata tsekedimo ya gagwe).</p> <p>Lettsatsi 1</p> <p>Ditilo tse 5 Sete ya dikarata tsa matshwaopalo a dipalo tsedi akaretsang dipalo 1 go fittha 10. Leka leano fa go sena dikgato tsa mapalamo.</p>

Beke 38	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi(± 5 ditzirwana tsa dipalo ka beke		
Sethogo	Dinthha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng	Boleele jwa nako jo bo lekanyetswang
1.7. Tlhakanyo le tloso	<ul style="list-style-type: none"> • Rarabolola ka motlotlo dipalofoko tsa(dipalokgang) tse di akaretsang dipalo ya 10 . <p>Motlotlo : Bala didiriswa letsatsi le fitlha go fitlha go 10. Balela kwa pele le kwa morago go fitlha go 10.</p> <p>Gatelela kgopolo ka ga “bontsi” le mmalwa” Opa diatla gantsi.....EMA. Opa diatla mmalwanyana.Morutabana o opa diatla go fitlha go 10.</p> <p>Botsa gore ke palo efe ya go opa diatla e e ntsi/nnye.</p> <p>Dikai:</p> <ol style="list-style-type: none"> 1. Go na le basetsana ba le 5 mo phaposing. Basetsana ba bangwe ba le 5 ba a tsena. 2. Ke basetsana ba le kae jaanong? 5 le 5 → 10. 3. Bala dibadisi tse 7.Bala gabedi kwa pele.Ke bokae tsotilhe? 7 le 2 le 1 → 10. 4. Go ne go na le dibadisi di le 10 mo tafoleng. Go setse tse 4. Go šutisitswe tse kae? 10 o tlosa 6 → 4. 5. O na le dimabole tse 10. Tlosa tse 3.O setse ka tse kae? 10 o tlosa 3 → 7 	Letsatsi 1	Letsatsi 1
3.1	<ul style="list-style-type: none"> • O latela dikaelo go tsamaya kgotsa go ipaya fa gare ga phaposi <p>Maemo, kitsiso le dipono</p> <p>Metshameko ya go dirisa nmmele</p> <ul style="list-style-type: none"> - Morutabana o kopa morutwana go ema kwa morago ga phaposi (mo kgoro e bulwang teng e bontsha bokwapele jwa phaposi) - Morutabana o kopa barutwana go ema ka fa lethakoreng la phaposi/kgotsa mo lethakoreng le lengwe. - Morutabana o kopa morutwana go ema fa pele ga phaposi. <p>Tiriso ya didiriswa tsa dikgongnwa tsa tekanyothakoretharo (3-D)</p> <p>Modumo o na le bokao.</p> <p>Barutwana ba reetsa:</p> <ul style="list-style-type: none"> - Tshipi / tleloko. - Phala. - Seletswa sa mmmino. - Itanya dibolokto tse pedi tsa logong. 	Letsatsi 1	tshipi Phala seletswa sa mmmino se sengwe le se sengwe dibolokto tsa logong

Beke 38	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutabana (mosako) tsa ± 30 metsostso ka letsatsi: 5 ditzirwana tsa dipalo ka beke	
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng
3.1	<p>Barutwana ba tswala matlho le go supa modumo wa tshipi/tteloko kgotsa phala kgotsa seletswa sa mmimo.</p> <ul style="list-style-type: none"> - Barutwana ba tswala matlho le go supa gore modumo o tswa kae. Ba ka simolola ka go lathela kgetsana ya dinawa kwa ntheng e modumo o tswang teng morago ba buisane gore modumo o kae sekao kwa pele ga phaposi, gaufi le sekhutlwana sa dibuka. - Morutabana o letieleta barutwana ba le 4 go ikaega ka lobota mo phaposing. Barutwana ba le 4 ba eme mo mathakoreng a le mane a phaposi. Yo mongwe le yo mongwe ka seletswa se se farologaneng (tshipi/tteloko phala, seletswa sa mmimo le diboloko tse pedi). - Morutabana o supa barutwana ka bongwe ka bongwe go dira modumo ka seletswa sa bone sekao tshipi fela - Barutwana bothie ba supa gore medumo e tswa kae ka go supa nthha e modumo o tswang ko go one, sekao tshipi. - Go gatelela kgopolo ka ga molema le moja, lettelela barutwana go: babedi ba ba emeng fa pele le kwa morago ga phaposi kwa dithopheng tse dingwe. - Boeletsa tirwana e tshwanang o tsepameseditse mo mediumong e e tswang mo lethakoreng la molema le la moja mo phaposing. - Barutwana ka moltlotto ba re "molema" fa ba utilwa modumo go tsxa mo lethakoreng la molema le fa modumo o tswa mo lethakoreng la moja. 	Boleele jwa nako jo bo lekanyetswang
	Tiriso ya didiriswa tsa dikgonngwa tsa tekanyothakkoretharo (3-D)	
	<ul style="list-style-type: none"> - Barutwana ba dirisa diboloko sekao ba sutisa boloko e e gaufi le setilo. <ul style="list-style-type: none"> o Ya kwa morago/le kwa pele. o Ema mo lethakoreng la moja la setilo/ema mo lethakoreng la molema la setilo. - Ema fa gare ga ditilo tse pedi. - Thaola dithhako tsa molema le tsa moja 	<p>boloko le setilo</p> <p>Para ya dithhako</p>
	Dirisa dikgonngwa tsa tekatekanyopopegopeci (2-D) kgotsa ditshwantsho	Lethare la tirwana le kerayone
		

Beke 38	Nako e e tshitshintsweng ya go ruta Tirwana e le nngwe ya phaposi e baakanyeditsweng e kaelwa ke morutwana (mosako) tsa ± 30 metsostso ka letsatsi: 5 ditirwana tsa dipalo ka beke	Boleele jwa nako jo bo lekanyetswang
Sethogo	Dintitha tsa thaloso	Dithusa-thuto tse di attlenegesitsweng
4.2 Boleele	<p>Bapiso didiriswa tsa dikgong le go di rulaganya o dirisa tlitolofok e maleba go thalosa boleele.</p> <ul style="list-style-type: none"> • Lekanya boleele jwa barutwana ka theipi ya go lekanya. <p>Metsameko ya go dirisa nmmele</p> <ul style="list-style-type: none"> - Lebelela mo kgwedi-tharong ya nthha le ya boraro ka nako e boleele jwa barutwana bo lekanyetswang go diriswa diattha no karateng ya boleele. - Lekanyetsa boleele jwa barutwana gape. - Morutabana o bayaa theipi go bapa le ditshwantsho tsa diattha mo karateng ya boleele. - Boleele jwa barutwana bo a lekanyediva gape. - Lemosa barutwana gore re dirisa sediriswa sa tekanyetso se se thomameng, se ke se mne a se dirisang fa a roka mosee. - Jaanonong ga ba boleele jwa diattha tse 10 mme ba boleele jwa disentimetara tse 10. - Barutwana ba ka bapisa boleele jwa bone gore ke mang yo mo leele/ yo mokhutshware mo phaposing? <p>Dirisa dikgonngwa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutwana o robala fa fatshe, ba bangwe ba baya diboloko (bogolo jo bo tshwanang) mo moleng go bapa le nmmele wa morutwana yo o robeseng fa fatshe. - Morutabana o neela ka ditaelo: "Bopa sengwe se se telele/khutshvane go feta tsala ya gago" 	<p>Boleele jwa nako jo bo lekanyetswang</p> <p>Dithusa-thuto tse di attlenegesitsweng</p> <p>Karata tsekedimo ya boleele Theipi ya go lekanya</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>karata tsekedimo ya boleele</p> </div>

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 diirwana tsa dipalo ka beke)	Dintsha tsa thhaloso	Dithusathuto tse attenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
1.1 Bala didiriswa	<ul style="list-style-type: none"> Gatelela bokao jwa palo 10 Motlotlo: Bala didiriswa letsatsi le letsatsi go fittha ka 10. Baleia kwa pele le kwa morago go fittha ka 10. Bala o ipoletsas 0-10 <p>Gatelela go bala palokemotatelano: Morutabana o pakha didiriswa mo moleng. Sa nthha, sa bobedi, sa boraro, sa bone, sa bothhano, sa borataro</p> <p>Gatelela kgopololo ka ga "bontsi" le mmalwa" Opa diatla gantsi.....EMA. Opa diatla mmalwanyana. Morutabana o opa diatla go fittha ka 10. Botsa gore ke palo efe ya go opa diatla e e ntsi/nnye.</p> <p>Metshameko ya go dirisa mmele</p> <p>Letelela barutwana :</p> <ul style="list-style-type: none"> Motlotlo raeme ya dipalo o dirisa menwana. Bala gore morutabana o betsa tafole ga kae o kopise se a se dirang. Opa diatla ts'a gago ga šome. Bala letsatsi morethetho nako e barutwana ba tsamayang ka yone mo mapalamong, batola tiola mo teng le kwa ntle ga dihula hupu. Itaya maoto fa fatshe go yka morethetho o o twaelegiteng. Barutwana ba le lešome ba ema ka sekotole mongwe le mongwe ka kgetsana ya dinawa fa gae ga sediko. A morutwana mongwe le mongwe a latthele kgetsana ya dinawa mo sekotleleng le go tswelela go fittha ka 10. Barutwana ba bale fa ba ntse ba latthele. Boeletsas tirwana go fitthela morutwana mongwe le mongwe a bona tshono.. 	Dipina tsa dipalo le diraeme	Letsatsi 1	

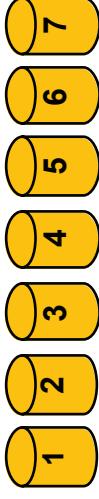
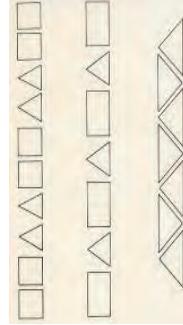
Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 diirwana tsa dipalo ka beke)	Dithusathuto tse attenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	<p>1.1 Matshwao le mainapalo a 10</p> <p>Dirisa dikgonngwa tsa tekatekanyopopopogopedi (2-D) kgotsa ditshwantsho Kgaogaanya barutwana ka ditlhophha tse dinnye.</p> <p>Morutabana o neela ka phasele ya dipalo.</p> <p>Barutwana ba lemoga le go batlisisa mabaka otthe a a kgonagalang.</p> <p>Barutwana ba latlhela taese go tlhethomisa gore ke phasele efe e o e agang.</p> 	Dintsha tsa thhaloso	Dira phasele ya dipalo tse di akaretsang dipalo tse di simololang ka 1 go fitlha ka 10

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 dipalo tsa dipalo ka beke)		
Sethogo	Dintiha tsa thhaloso	Dithusathuto tse attenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
1.13	<ul style="list-style-type: none"> Gatelela go tlhakanya le go tlosa ka dikarabo tse di fitlhahang ka 10 <p>Motlotlo: Bala didiriswa letsatsi le letsatsi go fitlha ka 10. Balela kwa pele le kwa morago go fitlha ka 10.</p> <p>Gatelela go bala letsatsi bopedi ba dirisa diraeme tsa dipalo</p> <p>Gatelela kgopololo ka ga “bontsi” le mmalwa”</p> <p>Opa diatla gantsi.....EMA.</p> <p>Opa diatla mmalwanyana.Morutabana o opa diatla go fitlha ka. Botsa gore ke palo efe ya go opa diatla e e ntsi/nye.</p> <p>Metsameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutabana biletla barutwana ba le ba 5 kwa pele le go tswelela a ntse a oketsa ka morutwana a le mongwe go fitlha ka 10. - Barutwana ba balela kwa godimo. <p>5 le 1→6. (Motlotlo o re: tlhano le nngwe e go fa thataro) 6 le 1→7. 7 le 1→8. 8 le 1→9. 9 le 1→10.</p> <ul style="list-style-type: none"> - Morutabana o romela barutwana go balela kwa morago mme barutwana ba balela kwa morago 10 tlosa1→9 9 tlosa 1→8 10 tlosa 2→8 	<p>Dipina tsa dipalo le diraeme</p> <p>Letsatsi 1</p>	

Beké 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsoso ka letsatsi (± 5 ditirwana tsa dipalo ka beke)		
Sethogo	Dintiha tsa thaloso	Dithusathuto tse attlenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
1.13	Dirisa dikgongnwa tsa tekatekanyopopegothakorepedi (2-D) kgotsa ditshwantsho Bala didiriswa tse 8 mo karateng ya setshwantsho. Fa o oketsa ka karata ya tsekedimo ya setswantsho e e nang le didiriswa tse 2 mo go yone, o tia nna le tse kae jaanong? 8 le 2 → 10. paka palo e e tshwanang ya dibadisi. Bala didiriswa tse 10 mo karateng ya setshwantsho. Fa o šuba didiriswa tse 3, o bona tse kae? 10 tlosa 3→ 7. Paka dipalo dipalo e e tshwanang ya dibadisi.	karata tsekedimo ya setswantsho e e akaretsang dipalo 1go fittha ka 10 Dibadisi	
1.4	<p>• Bapisa gore ke didiriswa dife tse di kgobokantsweng tse di:</p> <ul style="list-style-type: none"> - Ntsi go - nnye go (mmalwa) - e lekana le (di a tshwana) <p>Motlotlo: Bala didiriswa tsa letsatsi go fittha ka 10. Balela kwa pele le kwa morago go fittha ka 10 o dirisa diraeme le dipina.</p> <p>Gatelela go bala letsatsi bopedi o dirisa diraeme</p> <p>Gatelela kgopolole ka ga “bontsi” le bonnye” Opa diaalla gantsi.....EMA.</p> <p>Opa diaalla ga nnye. Morutabana o opa diaalla go fittha ka 10. Botsa gore ke palo efe ya go opa diaalla e e ntsi/nnye..</p> <p>Metshameko ya go dirisa mmele</p> <ul style="list-style-type: none"> - Morutabana o baya barutwana ba le 6 mmogo le barutwana ba le 4 mo hula hupung e nngwe. - Morutabana o a botsa: ”A go na le barutwana ba le bantsi, ba bannyé kgotsa ba ba lekanang le dipalo ya barutwana mo hula hupung e nngwe le nngwe. - ” Barutwana ba tħaola gore ke hula hupu efe e e nang le dipalo e e ntsi go feta” le nnye go” kgotsa e e lekanang le” ya barutwana. 	Letsetsi 1	Dihula-hupu tse 2

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 dijirwana tsa dipalo ka beke)	Dintsha tsa thaloso	Dithusathuto tse attenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
1.4	<p>Sethogo</p> <p>Thalosa , bapisa, le go rulaganya dipalo</p> <p>Dirisa dikgonngwa tsa tekanothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Baya dibadisi tse 10, dibadisi tse 6 le dibadisi tse 4 mo tafoleng. - Kwa ntle ga go fopholetsia palo ya dibadisi/diboloko mo tafoleng. - Morutabana o botsa gore: "A go na le dibadisi di le dintsii go feta tse 7?" "A di a tshwana,kgotsa di dintsii go feta, kgotsa di dinnye go, di lekane kgotsa ga di a lekana?" - Morutabana a re: "Lekola karabo ya gago ka go bala dibadisi tsa gago" "Phopholetsio ya gago e gaufi go le go kae?" <p>Dirisa dikadikgonngwa tsa tekatekanyopopegothakorepedi (2-D) kgotsa ditshwantsho</p> <ul style="list-style-type: none"> - Morutabana o supetsa dikarata tseekedimo tse pedi tse di nang le marontho a a farologaneng le ditshwantsho mo go tsone. - Letleletia barutwana go bapisa dikarata tseekedimo tsa ditshwantsho le marontho mo go tsone le go supa kgopoloi ya gore ke tsefe tse dintsii go feta, le tse "di nnye go" le tse di "lekanang le" 	<p>Dibadisi</p>	<p>Dikarata tse pedi ka dipalo tsa marontho tse di farologaneng kgotsa ditshwantsho mo go tsone .</p>	

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 diirwana tsa dipalo ka beke)			
Sethogo	Dintiha tsa thaloso	Dithusathuto tse attenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng	Letsatsi 1
3.1 Maemo, kitsiso le dipono	<p>Tthalosa didiriswa tse pedi kgotsa go feta tsa tekanyothlhakore 3 D tse di nyalana</p> <ul style="list-style-type: none"> • Gatelela ka ga molema le moja <p>Metshameko ya go dirisa mmele</p> <p>Morutabana o bayo dikgato tsa maoto, tsa molema le tsa leoto la moja gotlhe mo phaposing.</p> <p>- Barutwana ba gagaba ka letsogo le lengwe le lengole le le lengwe ka nako e le nngwe.</p> <p>- Tsamaya mo godimo ga tsone sekao fa ba le mo tseleng go ya kwa sejaneng sa go tlhapa.</p>  	<p>methlala ya dikgato tsa maoto e tshwailwe gore a ke "molema" kgotsa ke "moja"</p> <p>Morutabana o bofa lenathwana la wulu e e khibidu mo seatleng sa morutwana yo mongwe le mongwe.</p> <p>Morutabana o neela ditaelo.</p> <ul style="list-style-type: none"> - Tsholetsa leoto la gago la molema - Baya lenao la gago la moja mo setilong. - Ama lengole la gago ka sekongo sa letsogo la moja. - Goga tsebe ya gago ya molema ka letsogo la gago la moja. - Baya letsogo la gago la moja mo legetleng la molema le go baya letsogo la gago la molema mo legetleng la moja ka nako e le nngwe. - Ittamparele (o kgabaganya molagare). 	lenathwana la wulu e e khibidu	

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 dipalo ka beke)	Dintliha tsa thaloso	Dithusathuto tse attlenegisetsweng	Bolele jwa nako jo bo lekanyeditsweng
Sethogo	3.1 Maemo, kitsiso le dipono	<p>Tiriso ya didiriswa tsa dikgongngwa tsa tekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Morutabana o baya meteme/dithini tse 7 mo tafoleng. - Letleletla barutwana gore ke palo efe e leng mo molemeng wa ga 3, ke palo efe e e leng mo mojeng wa ga 6, ke dipalo efe e fa gare ga 3 le 6. - Ke palo efe e leng ya ntliha, ke efe e leng ya bofelo  <p>/meteme/dithini tse di tshwailweng ka dipalo.</p> <ul style="list-style-type: none"> - Morutabana o baya dimpopisi tse 3/dijanaga tse 3 ka diapato tse di iponatshang kgotsa mebalia mo tafoloeng. - O botsa dipotsa jaaka: <ul style="list-style-type: none"> o Ke mpopisi ofe/sejanaga sefe se se leng mo molemeng? o Ke mpopisi ofe/sejanaga sefe se se leng mo mojeng? o Ke mpopisi ofe/sejanaga sefe se se mo magareng? Ke mpopisi ofe/sejanaga sefe se se leng sa ntliha/sa bofelo? <p>Tiriso ya dipopego kgotsa ditshwantsho tsa dikadikgongngwa tsa tekanothakorepedi (2-D)</p> <ul style="list-style-type: none"> - Ka nako ya botswereitshi jwa pono barutwana ba penta ba dirisa letsogo la molema le la moja . - Segolola le go kgomaretsa mo lethareng o supa leoto la molema le moja. 	<p>Dimpopisi kgotsa kara tse tharo</p> <p>Tiriso ya didiriswa tsa dikgongngwa tsa tekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Barutwana ba simolola go kopolola dipaterone tse di neetsweng. - La bofelo barutwana ba bopa dipaterone tsa bone le go di tlhalosa . 	letsatsi 1
	2.1 Dipaterone tsa Jeonometeri	<ul style="list-style-type: none"> • Bopa paterone ya gagwe <p>Tiriso ya didiriswa tsa dikgongngwa tsa tekanyothakoretharo (3-D)</p> <ul style="list-style-type: none"> - Barutwana ba simolola go kopolola dipaterone tse di neetsweng. - La bofelo barutwana ba bopa dipaterone tsa bone le go di tlhalosa . 	dipopego le dikarata tsa dipaterone.	letsatsi 1

Beko 39	Nako e e tshitshintsweng ya go ruta : Tirwana e le nngwe ya phaposi e e baakantsweng e kaelwa ke morutwana (mosako) of ± 30metsotsotso ka letsatsi (± 5 dijirwana tsa dipalo ka beke)	Boleele jwa nako jo bo lekanyeditsweng
Sethogo	Dintiha tsa thaloso	Dithusathuto tse attenegisetsweng

2.1 Tiro ya boroto ya diphekese:

Letelela barutwana go dirisa letsogo la moja pele mme morago ba dirise letsogo la molema, morago ba a dirise mmogo go bayo diphekese mo borothong ya diphekese.

- Morutabana o bolelela barutwana gore ba beye diphekese kae sekao :

- Mo moleng yo o kwa godimo
- Mo moleng yo o kwa tlase.
- Mo lethakoreng la molema.
- Mo lethakoreng la moja.
- Mo magareng.

Letelela barutwana:

- dira dipopego mo borotong ya diphekese ka diphekese tse di mebala.
- Morutabana o tlhama paterone e e bothlofo ka diphekese mo borotong ya diphekese ya gagwe, barutwana ba kopolola paterone ya gagwe mo borotong ya gagwe ya diphekese.

Beke 40	Dirisa beke ya bo 40 go lebelela makoa a tħħaola tħħaola le go tħħaola tħaġanjo le go tħħaola tħhaola dikgoreletsi tsa thuto.	
Kgaolo ya diteng	Dintħha tsa kelo tsa go tħħiħba	
Tiriso y'a dipalopalo	Setħħogħo	
	1.1 Bala didiriswa	
	Balela kwa pele le kwa morago (0-10)	Fopholetsa le go bala o ipoelletsu go fitħha go 10 (dipina tsa dipalo le diraeme go godisa palo kgopolo)
	Bala bobedi (dipina tsa dipalo le diraeme)	
	Tħħaġanja dikgopolo ka ga "bonti" le "bonnye" (opa diċċa)	
	O tħħaġanja gore ke palo e kae ya go opa diċċa e e ntsi/e mnye, e ntsi/e mnye thata	
	Tħħaola ditshwantshopalo le dikarata tsa marontho go tħoga go 1-10	
	O itse matshwaopalo 8, 9, 10 le 0	
	Go īemoga mainapalo robbedi,robongwe le leħsame le l-fefla	
	Felelets ta palo tatelano go tħoga go 1-10	
	Lemoga le go tħħaola dipalo tse di tsamaelānang le kgopolo e le mngwe sekao:dingwaga,rejisetara	
	Farologanja fa gare ga bonti,bonnye,leħana go fitħha ka palo 10	
	Tħħaġanja palokemo tatelano yanħiha,ya borbetti,ya bone,ya bothihano,ya boratħaro	
	Dinira didiriswa tse di kgonngwang	
	Tħħalosa kgopolo ya gago ka mafofok ka go dirisa botaki kgotsa didiriswa tse di kgonngwang	
	Rarabolola ka go Mototlo dipalo tħħaġa le go tħosa tse di akaretsang dipalo tse di fitħhang go 10	
	1.6 Malepa a go rarabolola dipalo	
	1.7 le 1.13 Tħakanyo le tħoso	
	2.1 Tekanyetso ya dipaterone	
Dipaterone le tiriso		Kopolola, atolosa le go bopaq dipaterone ka go reetsa
Boalo le popego		Tħħaġanja motħamek wa "go tiħla ka leotto le le losi"
	3.1 Maemo, kitsiso le dipono	
	3.2 Didiriswa tsa tekanyothakoreħetharo 3-D le	
	3.3 Dipopego tsa tekanothakorepedi 2-D	
	3.4. Jeometeri	
	4.2 Boolele	
Tekanyetso	5.1 Phutha le go tħħaola dilo.	
	5.2 Kemedi ya tħħaolo ya dilo.	
Tħħawra ya tħedimōsetso.	Kgono ya go kgobokkanya,tħħaola ,ħħalsa le supa (sekaseka) didiriswa go ya ka dinneelo	
	5.3 Tħħalosa le negelelo mo ddiżo tse di tħhaġanġa	

KAROLO 4: TLHATLHOBO

4.1 MATSENO

Tlhatlhobo ke dikgato tse di rulaganeng tse di tswelelang go supa, go kokoanya le go ranolola tshedimosetso ka ga bokgoni jwa barutwana o dirisa mekgwa e e fapaapaaneng tsa tlhatlhobo. E akaretsa dikgato tse nne:

- go tlhamale go kgobokanya/kokoanya bopaki jwa phitlhelelo,
- go tlhatlhoba bopaki jo;
- go rekota diphitlhelelo le
- ka go dirisa tshedimosetso go tlhaloganya mme o kgone go thusa kgolo yabarutwana gore ba kgone go tokafatsa dikgato tsa bona tsa go ithuta le go ruta

Tlhatlhobo e tshwanetse go nna e e sa tlhomameng (tlhatlhobo ya go tlhomamisa se se tshwanetseng go rutwa) le e e tlhomameng(tlhatlhobo ya go ithuta). Moditlhatlhbong tsotlhe dipholodi tshwanetswe go fiwa/newa barutwana, go tsholetsa maitemogelo a go ithuta.

Mo Kgatong ya Motheo , malepa a magolo a tlhatlhobo e e sa tlhomamang le e e tlhomameng ke go lebelela ga morutabana, dipuisano tsa molomo, ditiragatso le go rekota ka go kwala.Tlhatlhobo mo Mophatong wa R e tshwanetse go nna ya molomo le ya tiragatso.

4.2 TLHATLHOBO E E SA TLHOMAMANG KGOTSA TLHATLHOBO YA LETSATSI LE LETSATSI

Tlhatlhobo ya go tlhomamisa se se tshwanetseng go rutwa ke kgato ya go tswelela go kokoanya tshedimosetso ka phitlhelelo ya morutwana. Se se bidiwa tlhatlhobo e e sa tlhomamamang. Ke tekolo ya letsatsi le letsatsi ya tswelelopele ya morutwana.Se se dirwa ka go lebelela, go buisana,go tiragatsa,tlhotlheletsano/go dirisana go go sa tlhomamang mo phaposing jalo lejalo. Tlhatlhobo e sekya tsewa jaaka selo se se kgaoganeng le ditirwana tsa go ithuta tse di dirwang mo phaposing. Tlhatlhobo e e sa tlhomamang e thusa morutabana go lekola tswelelopele ya morutwana le go dira ditaelo tsa go tsaya ditshwetso letsatsi le letsatsi. Tlhatlhobo e e sa tlhomamang e dirisiwa go:

- neela barutwana dipholo.
- Itsese go rulagananya ga go ruta.

Ka nako tse dingwe morutabana a ka boloka lenanenetefatso kgotsa lenaneo la tekolo jaaka tsela ya go rekota tswelelopele ya barutwana. Ka nako tse dingwe morutwana kgotsa morutabana a ka nna a tshwaya tiro ya morutwana. Le gale, tlhatlhobo e e sa tlhomamang ga e nne karolo ya rekoto ya morutwana ya tlhatlhobo e e tlhomameng. Dipholo tsa ditiro tsa tlhatlhobo e e sa tlhomamang ga di direkotiwe go tsweletsa morutwana mo mophatong o o latelang le go mo abela ya setifikeiti.

4.3 TLHATLHOBO E E TLHOMAMENG

Ditiro tsotlhe tsa tlhatlhobo tse di akareitsweng mo lenaneong la tlhatlhobo e e tlhomameng ya ngwaga di tsewa jaaka Tlhatlhobo e e Tlhomameng.Ditiro tsa tlhatlhobo e e tlhomameng di ka tshwaiwa le go rekotiwa semmuso ke morutabana go dira gore morutwana a tswelele mo mophatong o o latelang le go mo abela/neela setifikeiti. Tlhatlhobo e e tlhomameng e neela morutabana tsela e e rulaganeng ya go tlhatlhoba tswelelopele ya barutwana mo mophatong,le mo serutweng se se rileng.

Morutabana a ka kgona bo lebelela barutwana ba le lesome ka nako e le nngwe, ka jalo tlhatlhobo e e tlhomameng e tla dirwa mo ditlhopeneng tse dinnye ka dinako tse di tsepameng mme go tla tsaya malatsi a le mmalwa go tlhatlhoba barutwana botlhe mo phaposing. Didiriswa tsotlhe tse barutwana ba di dirisang ka gale di tshwanetse go nna teng ka nako tsotlhe (dibadisi,di tshate tsa dipalo.)

Mefuta ya tlhatlhobo e e dirisitsweng e tshwanetse go lekanelo dingwaga tsa barutwana le kgolo ya bona. Tlhatlhobo e e tlhomameng e tshwanetse go akaretsa dikgato tsotlhe tsa maemo a go tlhaloganya le bokgoni jwa barutwana. Tlhamo ya ditiro tse, e tshwanetse go akaretsa diteng tsa serutwa ka ditsela tse di farologaneng.

Mefuta e e farologaneng ya tlhatlhobo(go lebelela, go bua, go diragatsa le go kwala) di tshwanetse go dirisiwa go naya morutwana mongwe le mongwe tshono ya go bontsha se a kgonang go se dira. Se ke ka ntsha ya gore go bonolo mo barutwaneng ba bangwe go bontsha se ba se itseng mo mefuteng mengwe ya tlhatlhobo. Sekao

- Barutwana ba ba nang le mathata a go bala ba dira sentle mo dipalong.
- Barutabana ba bangwe ba ka bo ba se maemong a a solo felwang a bokgoni jwa puo ya go ithuta le go rutwa .

Ditiro tsa tlhatlhobo tsa serutwa sa Dipalo di tlhoka go akaretsa ditiro tse di sa ikaegang ka puo ebile di sa ikaega mo go itseng go buisa go bontsha bokgoni jwa morutwana.

Ka jalo,go tshwanetse ga tlhokomelwa se se tlhatlhobiwang. Kitso le dikgono tse di rileng di tlhatlhobiwa sentle ka mefuta e e rileng ya tlhatlhobo. Mefuta e e farologaneng ya ditlhathobo e maleba go dikgono le dikakanyo tse di leng botlhokwa mo ditlhogong tse di farologaneng mo ditlhopeng tsa barutwana ba dingwaga tse di farologaneng. Go mosola go dirisa lenanenete fatso la go lebelela go tlhatlhoba barutwana mo mephatong e e kwa tlase. Dirubiriki di ka dirisiwa go thusa go tlhatlhoba bokgoni jwa barutwana jwa go dirisa dikgono tsa go rarabololamathata a dipalo.

4.4 LENANEO LA TLHATLHOBO E E TLHOMAMENG

Ditiro tsa tlhatlhobo tse di tlhomameng tsa serutwa sa Dipalo di akaretsa go feta setlhogo se le sengwe mo serutweng sa Dipalo. Ditirwana tsa tlhatlhobo mo ngwageng di tlhoka go akaretsa diteng tsa dirutwa le ditlhogo tsotlhe mme ga se sengwe le sengwe mo kharikhulamong se go tlhokagalang go ka tlhatlhobiwa ka tlhomamo kgotsa sa begiwa ka tlhomamo. Dipalo, Matshwao le Dikgolagano di dira diporesente di le 60 tsa serutwa sa Dipalo mo mephatong ya R. Se, se raya gore 60% ya tlhatlhobo e e tlhomameng mo kgwedi-tharong nngwe le nngwe mme le mo ngwageng e tshwanetse go tsepamesiwa mo dipalong, matshwao le dikgolagano.

Tiro nngwe le nngwe ya tlhatlhobo e e tlhomameng ga e a tshwanelo go lebelelwjaaka tiragalo kgotsa teko e e ike-metseng e le nosi. Dintlha tsa kelo tse dingwe di ka nna tsa tlhatlhobiwa ka nako e le nngwe mme fela ba bangwe ba ka tlhatlhobiwa ka dinako tse di farologaneng le tsa ba bangwe. Sekao, fa barutwana ba tlhatlhobiwa bokgoni jwa go tlola go bala , bokgoni jwa bona jwa go dira tse di latelang bo ka tlhatlhobiwa mo tirwaneng kgotsa mo ditragalong :

- Feleletsa tatelano ya go bala
- Buisa le go kwala matshwao a dipalo
- Go bala

Le fa le go ntse jalo, fa tiro ya tlhatlhobo e akaretsa tharabololo ya mathata ka go kgobokanya kgotsa go aroganya, le go tlhatlhoba bokgoni jwa barutwana go lekanyetsa mothamo, go a kgonagala gore dintlha tse tsa Dipalo di tlhatlhobiwa ka dinako tse di farologaneng le ka mekgwa e e farologaneng.

4.5 GO REKOTA LE GO BEGA

Go rekota ke kgato e morutabana a e dirisang go kwala maemo a bokgoni jwa morutwana mo tirong ya ditlhathobo tse dirileng. E supa tswelelopele ya morutwana go ya mo phitlhelelong ya kitsa jaaka e kailwe mo Pegelong ya Pholisi ya ya Kharikhulamo le Tlhatlhobo. Direkoto tsa go dira/bokgoni jwa barutwana di tshwanetse go neelana ka bopaki jwa tsweletso ya tlhaloganyo ya morutwana mo mophatong le go ipaakanyetsa go tswelela kgotsa go fetisediwa kwa mophatong o o latelang. Direkoto tsa bokgoni jwa morutwana di tshwanetse go dirisiwa go netefatsa tswelelopele e e dirilweng ke morutabana le morutwana mo dikgatong tsa go ruta le go ithuta.

Go bega ke tsela ya go tlhaeletsana le barutwana, batsadi, dikolo le batsayakarolo bangwe mo thutong ya barutwana ka ga bokgoni/go dira ga barutwana. Bokgoni jwa morutwana bo ka begiwa ka tsela tse di farologaneng. Tse

DIPALO TSA MOPHATO R

di akaretsa dikaratapego, dikopano tsa batsadi, malatsi a ketelo kwa sekolong, dipuisano magareng ga motsadi-le-morutabana, go letsya mogala, go kwala makwalo, go dirisa lekwalo dikgang la sekolo jalo jalo. Barutabana mo me-phatong yotlhe ba dirisa diporesente go bega bokgoni jwa go dira ga morutwana mo serutweng. Maemo a phitlhelelo a a farologaneng a barutwana le nyalano ya dikgamu tsa diporesente di bontshitswe mo lenaneong le le latelang.

DIKHOUTU LE DIPERESENTE TSA GO REKOTA LE GO BEGA

Khoutu ya seemo	Tlhalosoya bokgoni	Peresente
7	Phitlhelelo ka dinaledi	80 – 100
6	Phitlhelelo ka matsetseleko	70 – 79
5	Phitlhelelo e e tletseng	60 – 69
4	Phitlhelelo e e itumedisang	50 – 59
3	Phitlhelelo ka tekano	40 – 49
2	Phitlhelelo e e potlana	30 – 39
1	Ga a fitlhelela	0 – 29

4.6 KAKARETSO

Lokwalo lo, le tshwanetse go buisiwa mmogo le:

4.6.1 National policy pertaining to the programme and promotion requirements of national Curriculam statement Grades R-12; and

4.6.2 The policy document, National Protocol for Assessment Grades R-12

4.7 SEKAO SA LENANE NETEFATSO TLHATLHOBO E E TLHOMAMENG YA MOPHATO WA R

Ka fa tlase go neetswe sekao sa manaane a a lekolang tlhatlhobo ya mophato wa R. Maikaelelo ke go thusa barutabana go rulaganya le go diragatsa tlhatlhobo e e tlhomameng e e diragadiwang ka tsela e e tswelelang.

MOPHATO R				
Lenaanenetefatso la tlhatlhobo la kgweditharo 1				
Diteng tsa serutwa	Diteng	Dintlhha tsa kelo	✓ kgotsa ×	Ditshwaelo
Dipalo, Matshwao Le dikgolagano	Go bala	Fopholetsa le go bala ka go boeletsa go fitlha ka 5 (Dipina tsa dipalo le merumo tse di akareditsweng go godisa kgopololo ya palo)		
	Temogo ya palo	Lemoga dipalo mo tirisong e e tlwaelegileng-sekao dingwaga, rejisetara Tlhaloganya palokemotatelo (sekao ka nako ya go ya ntlwana boithusetso)		
	Palokgopololo	Tlhaloganya tirisano ya bongwe ka bongwe(tshate ya mothusi ka nako ya dilapolosi/dijo)		
	Supa le go tlhalosa dipalotlalo	Supa ditshwantsho tsa dipalo le karata ya khutlo e e akaretsang palo nngwe		
		Itse letshwaopalo 1 Lemogaleinapalo nngwe		
	Rarabolola dipalo	Dirisa dithusathuto tse di kgonngwang Tlhalosa kakanyo ya gago ka mafoko le ka ditshwantsho kgotsa didirisha tse di kgonngwang		

MOPHATO R

Lenaanenetefatso la tlhatlhobo la kgweditharo 1

Diteng tsa serutwa	Diteng	Dintlhha tsa kelo	✓ kgotsa x	Ditsh-waelo
Dipaterone, tiriso le Alejebera	Kopolola,oketsa le go aga dipaterone tsa gago	Supa dipaterone mo tikologong Kopolola, oketsa le go aga dipaterone tsa gago		
Boalo le popego (Jeometeri)	Lemoga, supa le go neela didiriswa tsa tlhakoretharo (3-D) maina	Lemoga, supa o neele maina a dibolo Lemoga,supa o needle maina a mabokoso		
	Lemoga, supa le go neela dipopego le ditshwantsho tsa tlhakorepedi (2-D) maina	Lemoga, supa le go neela matshwao a gago,le a balekane ba gago le maina a phaposi Bonny aga malea/phasele ya dikarolwana di le 6 Bontsha bokgoni ba go farologanya magareng ga didiriswa tse di kwa pele le kwa morago		
	Dipopego tsa jeometeri	Go supa le go lemoga didiko/disekele Go supa le go lemoga khutlotharo Go supa le go lemoga sekwera		
	Tlhalosa, tlhaola le go tshwantsha didiriswa tsa tlhakoretharo (3-D) go ya ka:	Tshwantshanya bogolo, bonnye,bogolo thata le bonnye thata jwa di diriswa tse dikgobokantsweng,di neetswe di le pedi Tlhaola didiriswa ka bogolo: Bogolo le bonnye Mmala –mebalathee (bohibidu,serolwana,botala jwa legodimo) Popego-sediko/sekele,khutlotharo le sekwera Didiriswa tse di pitokologang Didiriswa tse di relelang		
	Lemoga mola wa tekatekano mo:	Lemoga mola wa tekatekano mo go wena		
	Kgolagano ya boalo:	Itse bopele kgotsa bomorago		
	Maemo a didiriswa di le pedi kgotsa go feta a a nang le kgolagano le morutwana	Itse bogodimo,bokwatlase Itse bogare le bokwantic Itse bogodimo le bokwatlase		
	Dikaelo	Tlhaloganya dikakanyo: bokwapele, bomorago		
Tekanyo	Nako	Dirisa mafoko jaaka motshegare, bosigo, lesedi le lefifi, moso le ka letlatlaana, bosigo go tlhalosa nako Thulaganyo ya ditiragalo tse di tlhagelelang gangwe le gape mo botshelong jwa gago jwa ka metlha(Thulaganyo/ porogerama ya letsatsi le letsatsi)		
		Bontsha maitemogelo a maina a matsatsi a beke, a ditlhha le a bosa		
	Boleele	Itse letsatsi la gago la botsalo Farologanya magareng ga boleele, boleele go feta,boleele go fetisisa,bokhutshwane go feta le bokhutshwane go fetisisa(tshate ya boleele		
Go dira ka tshedimosetso	Kgobokanya, tlhaola, thala bala le go tlhagisa tshedimosetso	Go kgona go kgobokanya, go tlhaola,go thala,go bala,go tlhagisa /sekaseka didiriswa go ya ka go bala ga gago.		

TEKANYO YA BOFELO

MOPHATO R				
Lenaanenetefatso la tlhatlhobo la kgweditharo 2				
Diteng tsa serutwa	Diteng	Dintlha tsa kelo	✓ kgotsa x	Ditsh-waelo
Dipalo, Matshwao le Dikgolagano	Go bala	Fopholetsa le go bala ka go boeletsa go fitlha ka 7 (Dipina tsa dipalo le merumo tse di akareditsweng go godisa kgopol ya palo)		
		Bala go tloga kwa morago go ya kwa pele (1-4)		
		Tlhaloganya dikakanyo “bontsi,bonnye(go opa diatla)		
	Temogo ya palo	Lemoga dipalo mo tirisong e e tlwaelegileng-sekao Palo ya ntlo, aterese le rejisetara		
		Tlhaloganya palokemotatelano (sekao ka nako ya go ya ntlwana boithusetso)		
		Supa ditshwantsho tsa dipalo le karata ya khutlo Itse letshwaopalo 1,2,3,4		
	Supa le go tlhalosa dipalotlalo	Lemogaleinapalo pedi,tharo le nne		
		Tlhaloganya tirisano ya bongwe ka bongwe(tshate ya mothusi ka nako ya dilapolosi/dijo)		
		Farologanya magareng ga bontsi ,bonnye le go lekana go fitlhelela go 4		
	Palo kgopol	Lemoga tshetelete a tshipi a a farologaneng a Aforika Borwa		
		Rarabolola dipalo	Dirisa dithusathuto tse di kgonngwang	
		Tlhalosa monagano wa gago ka mafoko le ka ditshwantsho kgotsa didiriswa tse di kgonngwang		
		Ranolola dipalo tsa go tlhakanya le go ntsha ka go bua go fitlha go 4		
		Kopolola, oketsa le go aga dipaterone tsa gago(didiriswa, dipopego le tshetelete a tshipi)		
Dipaterone le ditiro	Kopolola, atolosa le go tlhama dipaterone tsa gago	Kopolola, atolosa le go tlhama dipaterone tsa bona (didiriswa, dipopego le papetlana tsa tshetelete)		
Boalo le popego (jeometeri)	Lemoga, supa le go neela dipopego le ditshwantsho tsa tlhakorepedi (2-D) maina	Bonnye aga malea/phasele ya dikarowlana di le 12		
		Bontsha bokgoni ba go farologanya magareng ga didiriswa tse di kwa pele le kwa morago (tlhatlhoba gape)		
	Dipopego tsa jeometeri	Go supa le go lemoga dikhutlotharo		
		Tlhaloganya le go aga dikhutlotharo tse di sa fetogeng (boloka dipopego/se fetole dipopego)		
	Tlhalosa, tlhaola le go tshwantsha didiriswa tsa tlhakoretharo(3-D) go ya ka	Tshwantshanya bolele le bokhutshwane jwa di diriswa tse dikgobokantsweng,di neetswe di le pedi		
		Tlhaola didiriswa ka bogolo,bolele le bokhutshwane		
		Mmala –mebalatheo (bohibidu,serolwana, botala jwa legodimo,botala jwa tlhaga)		
		Dipopego		
	Aga di diriswa tsa matlhokoretharo o dirisa dilo tse di kgonngwang	Tlhotlhomisa ka go dirisa diboloko tsa go aga		
	Lemoga mola wa tekatekano mo:	Lemoga mola wa tekatekano mo wena le mo tikologong.		
		Bokgoni jwa go kgabaganya molagare		
	Kgolagano ya boalo	Tlhaloganya maemo a didiriswa di le pedi kgotsa go feta a a nang le kgolagano le morutwana - godimo, tlase ga		

MOPHATO R

Lenaanenetefatso la tlhatlhobo la kgweditharo 2

Diteng tsa serutwa	Diteng	Dintlha tsa kelo	✓ kgotsa	✗ ditshwaelo
Tekanyo	Nako	Tlhaloganya a maina a matsatsi,a ditlha le tshate ya bosa (dipina le diraeme-Tlhatlhoba gape)		
		Itse letsatsi la gago la botsalo		
	Bolele	Fopholetsa le go lekanyetsa bolele jwa didiriswa tse di farologaneng		
Go dira ka tshedimosetso	Kgobokanya, tlhaola , thala bala le go tlhagisa tshedimosetso	Go kgona go kgobokanya, go tlhaola,go thala,go bala,go tlhagisa /sekaseka didiriswa go ya ka go bala ga gago.		

TEKANYO YA BOFELO

MOPHATO R

Lenaanenetefatso la tlhatlhobo la kgweditharo 3

Diteng tsa serutwa	Diteng	Dintlha tsa kelo	✓ kgotsa	✗ ditshwaelo
Dipalo, Matshwao le dikgolagano	Go bala	Fopholetsa le go bala ka go boeletsa go fitlha ka 7 (Dipina tsa dipalo le merumo tse di akareditsweng go godisa kgopol ya palo)		
		Bala go tloga kwa morago go ya kwa pele (1-7)		
		Itse gore bonnye/bontsi go opilwe diatla ga kae.		
	Temogo ya palo	Lemoga dipalo mo tirisong e e tlwaelegileng-sekao dingwaga, rejisetara(tlhatlhoba gape)		
		Supa le go tlhalosa dipalotlalo	Supa ditshwantsho tsa dipalo le karata ya khutlo go fitlha ka 7	
			Itse letshwaopalo 5,6,7	
	Palo kgopol	Lemoga leinapalo tlhano,thataro le supa		
		Farologanya magareng ga bontsi, bonnye le go lekana go fithelela ka 7		
		Lemoga mmala mmogo le mefuta e e farologaneng ya diphologolo mo dintlheng tsa Aforika Borwa		
	Rarabolola dipalo	Dirisa dithusathuto tse di kgonngwang.		
		Tlhalosa monagano wa gago ka mafoko le ka ditshwantsho kgotsa didiriswa tse di kgonngwang		
		Ranolola dipalo tsa go tlhakanya le go ntsha ka go bua go fitlha go 7		
Dipaterone le ditiriso	Kopolola,oketsa le go aga dipaterone tsa gago o dirisa ditshwantsho			

MOPHATO R				
Lenaanenetefatso la tlhatlhobo la kgweditharo 3				
Diteng tsa serutwa	Diteng	Dintlha tsa kelo	✓ kgotsa x	Ditsh-waelo
Boalo le popego (Jeometeri)	Lemoga, supa le go neela dipopego le ditshwantsho tsa tlhakorepedi (2-D) maina	Bonnye aga malea/phasele ya dikarowlana di le 18		
	Dipopego tsa jeometeri	Go supa le go lemoga le go neela dikhutlonne maina Tlhaloganya le go aga dikhutloharo tse di sa fetogeng tse o di ithutileng go fitlha ka mo nakong e (boloka dipopego/se fetole dipopego)		
	Aga di diriswa tsa matlhokoretharo (3-D) o dirisa dilo tse di kgonngwang	Aga go tswa go mo sekao sa kago e e setseng e neilwe Kopolola moago go tswa mo o o tlhamilweng kgotsa karata ya setshwantho.		
	Kgolagano ya boalo:	Itse maemo a didiriswa di le pedi kgotsa go feta a a nang le kgolagano le morutwana Kwa pele ga, morago ga, godimo ga, tlase ga, kwa tlase, kwa tlase ga, fa thoko ga, gare ga molemeng, mojeng. Diragatsa ditaelo mo borotong ya diphekese		
	Dikaelo	Itse dikaelo go tswa mo tšhateng ya metswi		
	Boleele	Phopholetsa le go lekanyetsa boleele jwa didiriswa tse di farologaneng		
Tekanyo	Boima	Tlhaloganya dikakanyo “botlhoho,boima,botlhoho go feta,boima go feta,botlhoho go fetisisa le boima go fetisisa.		
	Mothamo/bolumu	Tlhalogana tiriso ya “Iolea, tletse, ntsi go feta, nnye go feta”.		
Go dira ka tshedimosetso	Kgobokanya, tlhaola, thala bala le go tlhagisa tshedimosetso	Go kcona go kgobokanya, go tlhaola,go thala,go bala,go tlhagisa /sekaseka didiriswa go ya ka go bala ga gago.		

TEKANYO YA BOFELO

MOPHATO R				
Lenaanenetefatso la tlhatlhobo la kgweditharo 4				
Diteng tsa serutwa	Diteng	Dintlha tsa kelo	✓ kgotsa x	Ditshwaelo
Dipalo, Matshwao le Dikgolagano	Go bala	Fopholetsa le go bala ka go boeletsa go fitlha ka 10 (Dipina tsa dipalo le merumo tse di akareditsweng go godisa kgopolu ya palo)		
		Bala go tloga kwa morago go ya kwa pele (0-10)		
		Bala ka bopedi (2s). Dipina tsa dipalo le merumo		
		Tlhaloganya dikakanyo tsa bonnye/bontsi go opiwa diatla		
		Tlhaloganya gore bonnye/bontsi go opilwe diatla ga kae.		
	Temogo ya palo	Lemoga le go supa dipalo mo tirisong e e tlwaelegileng-sekao		
		dingwaga, rejisetara		
	Supa le go tlhalosa dipalotlalo	Supa ditshwantsho tsa dipalo le karata ya khutlo go simolola ka 0-10		
		Itse letshwaopalo 8,9,10 le 0		
		Lemoga leinapalo robedi, robongwe, lesome le lefela		
		Feleletsa tatelano ya dipalo tse di bonolo go tloga go palo 1-10		
	Palo kgopolu	Farologanya magareng ga bontsi ,bonnye le go lekana go fitlhelela ka 10		
		Tlhaloganya tatelano ya dipalo-bonngwe,bobedi boraro bone, bottlano le borataro		
		Rarabolola dipalo		
	Rarabolola dipalo	Dirisa dithusathuto tse di kgonngwang		
		Tlhalosa monagano wa gago ka mafoko le ka ditshwantsho kgotsa didiriska tse di kgonngwang		
		Ranolola dipalo tsa go tlhakanya le go ntsha ka go bua go fitlha ka 10		
Dipaterone le ditiriso	Kopolola,oketsa le go aga dipaterone tsa gago	Kopolola,oketsa le go aga dipaterone tsa gago tsa kutlo		
		Tlhaloganya motshameko wa sekotšhe		
Boalo le popego (jeometeri)	Lemoga, supa le go neela dipopego le ditshwantsho tsa tlhakorepedi (2-D) maina	Bonnye aga malea/phasele ya dikarolwana di le 24		
	Dipopego tsajeometri	Go supa le go lemoga sekele,khutlotharo,sekwnra le khutlonnetsepa		
	Lemoga mola wa tekatekano	Lemoga mola wa tekatekano mo didirisweng		
	Kgolagano ya boalo:	Itse kakanyo gaufi le, magareng, moja le molema		
		Bokgoni ba go dira ditiro tse di tsa go tswelala tsa boto ya ditlhommelwa		
	Dikaelo	Tlhaloganya dikakanyo: bo kwa pele le bomorago, godimo le tlase moja le molema		
Tekanyo	Boleele	Tlhaloganya gore didiriska le tsona di lekanyetswa ka go dirisa teipi ya go lekanyetsa		
Go dira ka tshedimosetso	Kgobokanya, tlhaola, thala bala le go tlhagisa tshedimosetso	Go kgora go kgobokanya, go tlhaola, go thala, go bala, go tlhagisa /sekaseka didiriska go ya ka go bala ga gago.		

TEKANYO YA BOFELO

