

CAPS

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GRADE
1

**BUKA YA
MORUTABANA**

Platinum

Dikhoutu le Diroboto

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I.21e,I.22b,I.53a,I.56a,I.56b,I.56c,I.56d,I.56e,I.56f,I.56g,I.56h,I.56i,I.56j,I.56k,I.56l,I.56m,I.56n,I.56o,I.56p,I.56q,I.56r,I.56s,I.56t,I.56u,I.56v,I.56w,I.56x,I.56y,I.56z,I.57a,I.57b,I.57c,I.57d,I.57e,I.57f,I.57g,I.57h,I.57i,I.57j,I.57k,I.57l,I.57m,I.57n,I.57o,I.57p,I.57q,I.57r,I.57s,I.57t,I.57u,I.57v,I.57w,I.57x,I.57y,I.57z,I.58a,I.58b,I.58c,I.58d,I.58e,I.58f,I.58g,I.58h,I.58i,I.58j,I.58k,I.58l,I.58m,I.58n,I.58o,I.58p,I.58q,I.58r,I.58s,I.58t,I.58u,I.58v,I.58w,I.58x,I.58y,I.58z,I.59a,I.59b,I.59c,I.59d,I.59e,I.59f,I.59g,I.59h,I.59i,I.59j,I.59k,I.59l,I.59m,I.59n,I.59o,I.59p,I.59q,I.59r,I.59s,I.59t,I.59u,I.59v,I.59w,I.59x,I.59y,I.59z,I.60a,I.60b,I.60c,I.60d,I.60e,I.60f,I.60g,I.60h,I.60i,I.60j,I.60k,I.60l,I.60m,I.60n,I.60o,I.60p,I.60q,I.60r,I.60s,I.60t,I.60u,I.60v,I.60w,I.60x,I.60y,I.60z,I.61a,I.61b,I.61c,I.61d,I.61e,I.61f,I.61g,I.61h,I.61i,I.61j,I.61k,I.61l,I.61m,I.61n,I.61o,I.61p,I.61q,I.61r,I.61s,I.61t,I.61u,I.61v,I.61w,I.61x,I.61y,I.61z,I.62a,I.62b,I.62c,I.62d,I.62e,I.62f,I.62g,I.62h,I.62i,I.62j,I.62k,I.62l,I.62m,I.62n,I.62o,I.62p,I.62q,I.62r,I.62s,I.62t,I.62u,I.62v,I.62w,I.62x,I.62y,I.62z,I.63a,I.63b,I.63c,I.63d,I.63e,I.63f,I.63g,I.63h,I.63i,I.63j,I.63k,I.63l,I.63m,I.63n,I.63o,I.63p,I.63q,I.63r,I.63s,I.63t,I.63u,I.63v,I.63w,I.63x,I.63y,I.63z,I.64a,I.64b,I.64c,I.64d,I.64e,I.64f,I.64g,I.64h,I.64i,I.64j,I.64k,I.64l,I.64m,I.64n,I.64o,I.64p,I.64q,I.64r,I.64s,I.64t,I.64u,I.64v,I.64w,I.64x,I.64y,I.64z,I.65a,I.65b,I.65c,I.65d,I.65e,I.65f,I.65g,I.65h,I.65i,I.65j,I.65k,I.65l,I.65m,I.65n,I.65o,I.65p,I.65q,I.65r,I.65s,I.65t,I.65u,I.65v,I.65w,I.65x,I.65y,I.65z,I.66a,I.66b,I.66c,I.66d,I.66e,I.66f,I.66g,I.66h,I.66i,I.66j,I.66k,I.66l,I.66m,I.66n,I.66o,I.66p,I.66q,I.66r,I.66s,I.66t,I.66u,I.66v,I.66w,I.66x,I.66y,I.66z,I.67a,I.67b,I.67c,I.67d,I.67e,I.67f,I.67g,I.67h,I.67i,I.67j,I.67k,I.67l,I.67m,I.67n,I.67o,I.67p,I.67q,I.67r,I.67s,I.67t,I.67u,I.67v,I.67w,I.67x,I.67y,I.67z,I.68a,I.68b,I.68c,I.68d,I.68e,I.68f,I.68g,I.68h,I.68i,I.68j,I.68k,I.68l,I.68m,I.68n,I.68o,I.68p,I.68q,I.68r,I.68s,I.68t,I.68u,I.68v,I.68w,I.68x,I.68y,I.68z,I.69a,I.69b,I.69c,I.69d,I.69e,I.69f,I.69g,I.69h,I.69i,I.69j,I.69k,I.69l,I.69m,I.69n,I.69o,I.69p,I.69q,I.69r,I.69s,I.69t,I.69u,I.69v,I.69w,I.69x,I.69y,I.69z,I.70a,I.70b,I.70c,I.70d,I.70e,I.70f,I.70g,I.70h,I.70i,I.70j,I.70k,I.70l,I.70m,I.70n,I.70o,I.70p,I.70q,I.70r,I.70s,I.70t,I.70u,I.70v,I.70w,I.70x,I.70y,I.70z,I.71a,I.71b,I.71c,I.71d,I.71e,I.71f,I.71g,I.71h,I.71i,I.71j,I.71k,I.71l,I.71m,I.71n,I.71o,I.71p,I.71q,I.71r,I.71s,I.71t,I.71u,I.71v,I.71w,I.71x,I.71y,I.71z,I.72a,I.72b,I.72c,I.72d,I.72e,I.72f,I.72g,I.72h,I.72i,I.72j,I.72k,I.72l,I.72m,I.72n,I.72o,I.72p,I.72q,I.72r,I.72s,I.72t,I.72u,I.72v,I.72w,I.72x,I.72y,I.72z,I.73a,I.73b,I.73c,I.73d,I.73e,I.73f,I.73g,I.73h,I.73i,I.73j,I.73k,I.73l,I.73m,I.73n,I.73o,I.73p,I.73q,I.73r,I.73s,I.73t,I.73u,I.73v,I.73w,I.73x,I.73y,I.73z,I.74a,I.74b,I.74c,I.74d,I.74e,I.74f,I.74g,I.74h,I.74i,I.74j,I.74k,I.74l,I.74m,I.74n,I.74o,I.74p,I.74q,I.74r,I.74s,I.74t,I.74u,I.74v,I.74w,I.74x,I.74y,I.74z,I.75a,I.75b,I.75c,I.75d,I.75e,I.75f,I.75g,I.75h,I.75i,I.75j,I.75k,I.75l,I.75m,I.75n,I.75o,I.75p,I.75q,I.75r,I.75s,I.75t,I.75u,I.75v,I.75w,I.75x,I.75y,I.75z,I.76a,I.76b,I.76c,I.76d,I.76e,I.76f,I.76g,I.76h,I.76i,I.76j,I.76k,I.76l,I.76m,I.76n,I.76o,I.76p,I.76q,I.76r,I.76s,I.76t,I.76u,I.76v,I.76w,I.76x,I.76y,I.76z,I.77a,I.77b,I.77c,I.77d,I.77e,I.77f,I.77g,I.77h,I.77i,I.77j,I.77k,I.77l,I.77m,I.77n,I.77o,I.77p,I.77q,I.77r,I.77s,I.77t,I.77u,I.77v,I.77w,I.77x,I.77y,I.77z,I.78a,I.78b,I.78c,I.78d,I.78e,I.78f,I.78g,I.78h,I.78i,I.78j,I.78k,I.78l,I.78m,I.78n,I.78o,I.78p,I.78q,I.78r,I.78s,I.78t,I.78u,I.78v,I.78w,I.78x,I.78y,I.78z,I.79a,I.79b,I.79c,I.79d,I.79e,I.79f,I.79g,I.79h,I.79i,I.79j,I.79k,I.79l,I.79m,I.79n,I.79o,I.79p,I.79q,I.79r,I.79s,I.79t,I.79u,I.79v,I.79w,I.79x,I.79y,I.79z,I.80a,I.80b,I.80c,I.80d,I.80e,I.80f,I.80g,I.80h,I.80i,I.80j,I.80k,I.80l,I.80m,I.80n,I.80o,I.80p,I.80q,I.80r,I.80s,I.80t,I.80u,I.80v,I.80w,I.80x,I.80y,I.80z,I.81a,I.81b,I.81c,I.81d,I.81e,I.81f,I.81g,I.81h,I.81i,I.81j,I.81k,I.81l,I.81m,I.81n,I.81o,I.81p,I.81q,I.81r,I.81s,I.81t,I.81u,I.81v,I.81w,I.81x,I.81y,I.81z,I.82a,I.82b,I.82c,I.82d,I.82e,I.82f,I.82g,I.82h,I.82i,I.82j,I.82k,I.82l,I.82m,I.82n,I.82o,I.82p,I.82q,I.82r,I.82s,I.82t,I.82u,I.82v,I.82w,I.82x,I.82y,I.82z,I.83a,I.83b,I.83c,I.83d,I.83e,I.83f,I.83g,I.83h,I.83i,I.83j,I.83k,I.83l,I.83m,I.83n,I.83o,I.83p,I.83q,I.83r,I.83s,I.83t,I.83u,I.83v,I.83w,I.83x,I.83y,I.83z,I.84a,I.84b,I.84c,I.84d,I.84e,I.84f,I.84g,I.84h,I.84i,I.84j,I.84k,I.84l,I.84m,I.84n,I.84o,I.84p,I.84q,I.84r,I.84s,I.84t,I.84u,I.84v,I.84w,I.84x,I.84y,I.84z,I.85a,I.85b,I.85c,I.85d,I.85e,I.85f,I.85g,I.85h,I.85i,I.85j,I.85k,I.85l,I.85m,I.85n,I.85o,I.85p,I.85q,I.85r,I.85s,I.85t,I.85u,I.85v,I.85w,I.85x,I.85y,I.85z,I.86a,I.86b,I.86c,I.86d,I.86e,I.86f,I.86g,I.86h,I.86i,I.86j,I.86k,I.86l,I.86m,I.86n,I.86o,I.86p,I.86q,I.86r,I.86s,I.86t,I.86u,I.86v,I.86w,I.86x,I.86y,I.86z,I.87a,I.87b,I.87c,I.87d,I.87e,I.87f,I.87g,I.87h,I.87i,I.87j,I.87k,I.87l,I.87m,I.87n,I.87o,I.87p,I.87q,I.87r,I.87s,I.87t,I.87u,I.87v,I.87w,I.87x,I.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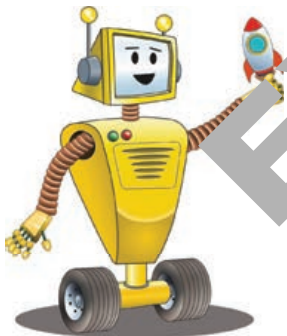
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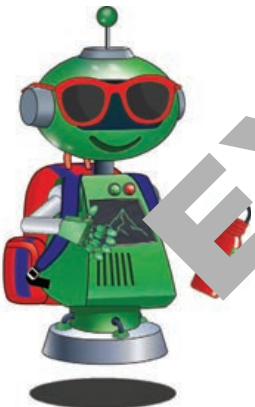
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Morutabana yo o rategang

Letsatsi le lengwe le le lengwe fa o tsena mo phaposiborutelong jwa gago, ga o tsene fela mo lefelong le le tletseng di deseke le dibuka. O tsena mo lefelong leo go bopiwang isagwe ya batho gone le mo go simololwang maitemogelo a mašwa. O na le matla a a seng kana ka sepe a go tlotlheletsa, go kaela le go nonotsha baeteledipele ba rona ba kamoso, batlhami le badiradipheto ba rona. Fa o dira seno ka lorato, ga e kitla e nna kgang fela ya go ruta, tlotlo o jala dipeo tsa bopelonomi, bopelokgale, go tlotla batho le mowa ya Botho mo dipelong tsa bana bano.

Re a itse gore ga se kagale go leng bonolo. Dikgwetlho tsa go nna morutabana, segolobogolo kwa dikolong tse di senang ditirelo tse di lebaneng, ka dinako tse dingwe di ka dira gore o ikutlwe o feeketsega maitutlo. Re a go ntse jalo, kgwetlho nngwe le nngwe e o lebanang le yona e go nna mōhono ya go dira pharologanyo ya mmatota. O bontsha barutwana ba gago gore ba ka kgona go dira sengwe le sengwe le gore go solofetswe mme ba kgone go fitlhelela dilo tse dikgolo mo botshelong.

Ke gone ka moo mokgwa wa rona wa go ruta o tlišeng go go thusa. E re ka re o tthamile re akantse ka CAPS, re tšile go tšoma mogopolo mo go ruteng ka tsela e e akaretsang bana botlhe a go dira gore ngwana mongwe le mongwe a ikutlwe e le karolo ya se go bulelana le sona. Ditshwantsho, dikgang le dithuto tse di tla bong di se tšakwiwa di tšile go akaretsa maemo otlhe a rona a a farologaneng, mme seno se tšhaya morutwana mongwe le mongwe gore a ikutlwe e le karolo ya se go bulelana mo phaposiborutelong.

Ga re a go lebala go tšhanela jwa gago bo botlhokwa thata fela jaaka re lebeletse gore barutwana ba gago ba atlege. Re akareleditse di dirisiwa tse o ka di dirisang ka botlana gore o nne o tlotlheletsegile ebile o itekanetse, ka gone re tšile gore fa o ikutlwa sentle barutwana ba gago le bone ba tla atlega. Fa o itšmetse seno ga se tlotlheletse fela tsela e o rutang ka yona gape se aga kamano e molemo le barutwana ba gago mme ba tla ikaega ka wena go bona tšhomo e go tlotlhelediwa mo botshelong.

Fa Aforika Borwa e tšweletse go dira gore Basic Education Law Amendments Act (BELA) e nne molao ka 2024, maitlomo a rona a go dira gore thulaganyo ya thuto e nne e e lekalekaneng le e e akaretsang botlhe a gola le go feta. Seabe se o tlišeng go nna le sona mo maitlhomong ano e tšile go nna se segolo tota, mme go tšhologanya CAPS le BELA go tla dira gore phaposiborutelo ya gago e nne lefelo le mo go lona barutwana ba gago ba baakanyediwang go atlega.

Ke wena yo o tllileng go thusa gore go nne le diphetogo tse di molemo mme seabe sa gago mo phaposiborutelong e tllile go nna se segolo thata. Fa o ntse o ruta, itse gore ga o kaele barutwana ba gago fela; o bopela metse ya, naga ya rona le lefatshe la rona isagwe e e molemo.

Re lebogela sengwe le sengwe se o se dirang!

1. Botlhokwa jwa go kwala dikhoutu le diroboto

Ijoo nna wee! Re lebane le serutwa se se ntšhwa gotlhelele—se se bonang se tshosa e bile se na le thotloetso! Go kwala dikhoutu? Re akanya ha batho yo o obegileng mo godimo ga sekirini sa khomphiuta, a seka seka se dimosetso e e ka tlhologangwang ke batho ba se kae fela ba ba tlhophang. Diroboto? Seo se utlwala jaaka sengwe se se tswang mo baesekeng ya ditlhamane tsa saense! A ga re a tshwanela go leta dingwaga di tlhamane a matlhano gore diroboto di laole lefatshe? A diroboto ga se tsa ba saense le baithutalobopo fela? Ke ka ntlha ya eng fa seno se tshwanetse se ama jaaka barutabana?

Dikgang tse di monate ke tse: go kwala dikhoutu ga go lebege go le thata jaaka o akanya. Tota e bile, re kwala dikhoutu letsatsi le letsatsi, mme re ntse re dira jalo ka lobaka lo lo leele. Le fa gone re tshwanelwa ke go ithuta dilo tse dintšhwa gore re kgone go ruta baithuti ba rona a tsela e e nang le mosola, seo ke sone se se itumedisang!

Re tshela mo lefatsheng le mpe go lone kgatelopele e e bofefo ya thekenoloji e leng selo se se ka go sediweng. E nna e ntse e fetoga, mme le rona re tshwanetse go fetoga yone. Goreng? Ka gonne re baakanyetsa baithuti ba rona isagwe e lefatshe eruang.

Mo motsele seleng ono, re tla lo kaela go ralala lefatshe le le sa itsiweng la go kwala dikhoutu le diroboto ka go kwala khoutu ntle le go dirisa khomphiuta.

Ga go dirisa barutabana ba dirisa diboto tse dintsho, ditšhoko le dikarata tsa go ithuta mo tlhokang. Mme ke nako ya go amogela diphetogo le go tlamela barutwana ba rona ka bokgoni jo ba tla bo tlhokang mo motsing ono wa dijithale!

2. Go kwala khoutu le Diroboto mo Kgatong ya Motheo

Re a lo amogela mo Go kwala khoutu le Diroboto mo Mophatong 1! Motseletselelano o na le Buka ya Morutwana le Kaedi ya Morutabana e e rotloetsang go ruta ka katlego ya Go kwala khoutu le Diroboto mo Mophatong 1. Go kwala

khoutu le diroboto mo Mophatong 1 e kwadilwe go ya ka ditlhokego tsadikaelo tsa Pegelo ya Pholisi ya Kharikhulamo le Tlhatlhobo (CAPS). Ka jalo, fa o dirisa motseletsele ono wa ditlhogo, o ka tlhomamisega gore se se mo kharikhulamong se akareditswe ka botlalo.

Go kwala khoutu le diroboto go dirilwe ka tsela e e itlhophileng go tsamaisana le CAPS ya Go kwala khoutu le Diroboto ka ditsela tse di latelang.

3. Tsela ya go dirisa motseletsele ono


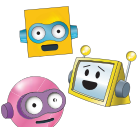







3.1 Dikarolo tsa Buka ya Morutwana

- Buka ya Morutwana e na le setlhogo se se boeletswang go tsamaisanang le ditiro tsa beke nngwe le nngwe, se se dirang go tsamaisana le boitemogelo jwa go ithuta jo bo tshwaraganeng le jo bo itumedisang.
- Beke nngwe le nngwe e na le tiragalo e ntlha e gwetlhang barutwana go dirisa kitso ya bone mo maemong a a mosola. Kopa barutwana go thala nngwe ya difatlhego tse nne mo dibukeng tsa bone kgotsa ba supe monwana o le mongwe go ya go tshwene go lekanyetsa matsapa a bone mo tirong.
- Karolo ya “A re Simolole” e o na jaaka ntlha ya go simolola go sekaseka kitso ya ntlha ya barutwana mo maemong a a mosola go akanya ka tlhamalalo le tshedimosetso e ba tlhokang go e ithuta.
- Kwa bokhutlong jwa beke nngwe le nngwe, karolo ya “Go Itlhatlhoba” e naya barutwana kitso ya go akanya ka tiro ya bone, go ba rotloetsa go tsaya kgato ka kelotlofoko fa ba ithuta.
- Mo godimo ga moo, go na le karolo ya “Lefoko le le ntšhwa” e e tlhalosang mafoko a a sa tlwaelegang a a fitlhelwang mo dithutong, e leng se se thusang barutwana go oketsa tlotlofoko ya bone ka tsela e e mosola.

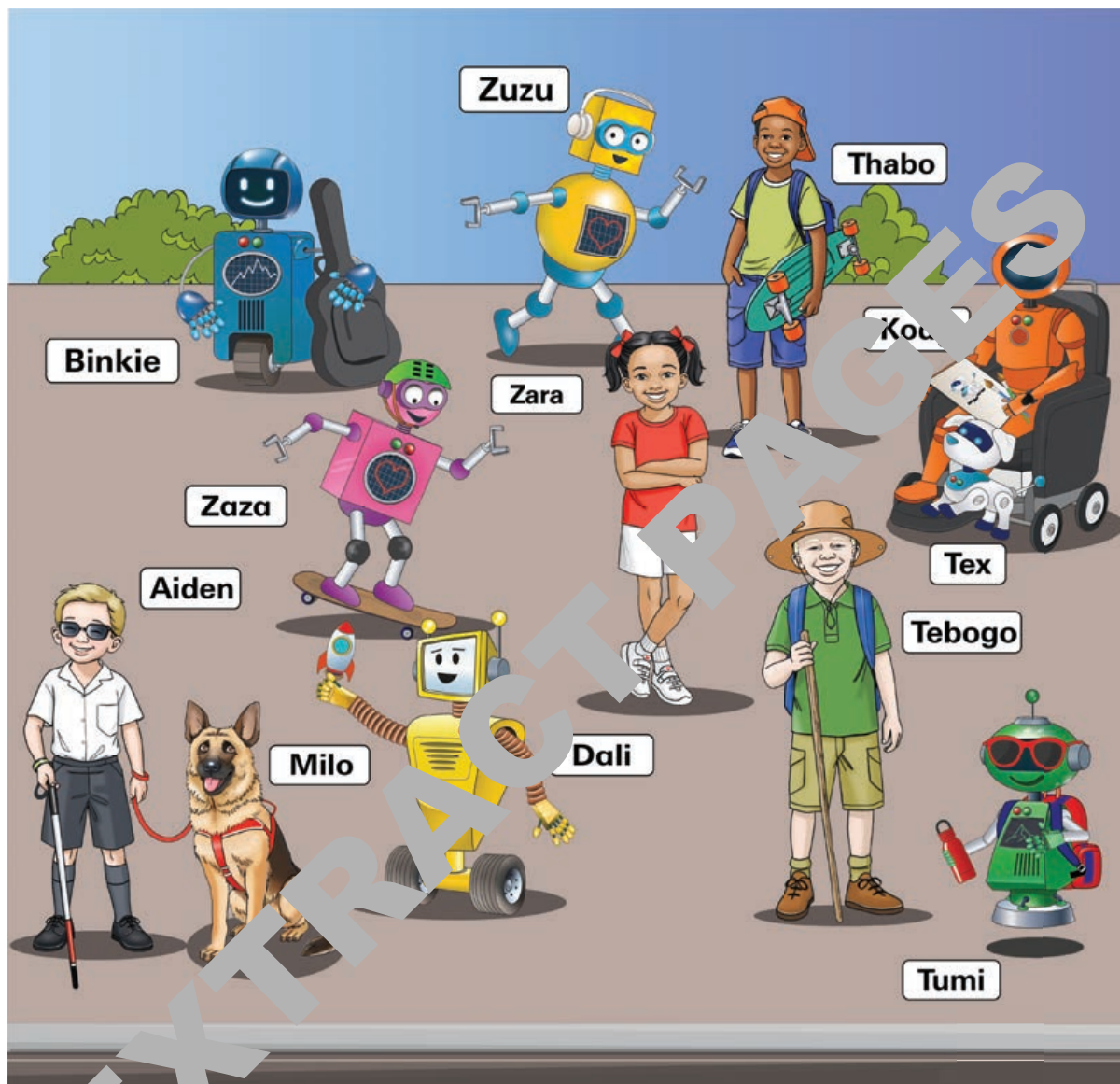
	2 	3 	4 
Ke itekile!	Ke dirile botoka!	Ke dirile bontle!	Ke ntshitse ga tshwene!

Matshwao:



















Mo bukeng eno yotlhe re tsentse ditshwantsho tse di supang mofuta wa go ithuta le ditiro tse di diriwang.




















	nako ya go dira le tsala ya me
	nako ya go dira jaaka sethlopha
	nako ya go dirisa diatla tsa me le boboko jwa me
	nako ya go thala le go kwala
	nako ya go bua ka dilo
	nako ya go bapoko le monagano
	nako ya go tsamaisa mmele wa me
	nako ya go kwala khoutu
	nako ya go kwala khoutu ka go tshameka

3.2. Kopa le sethopho

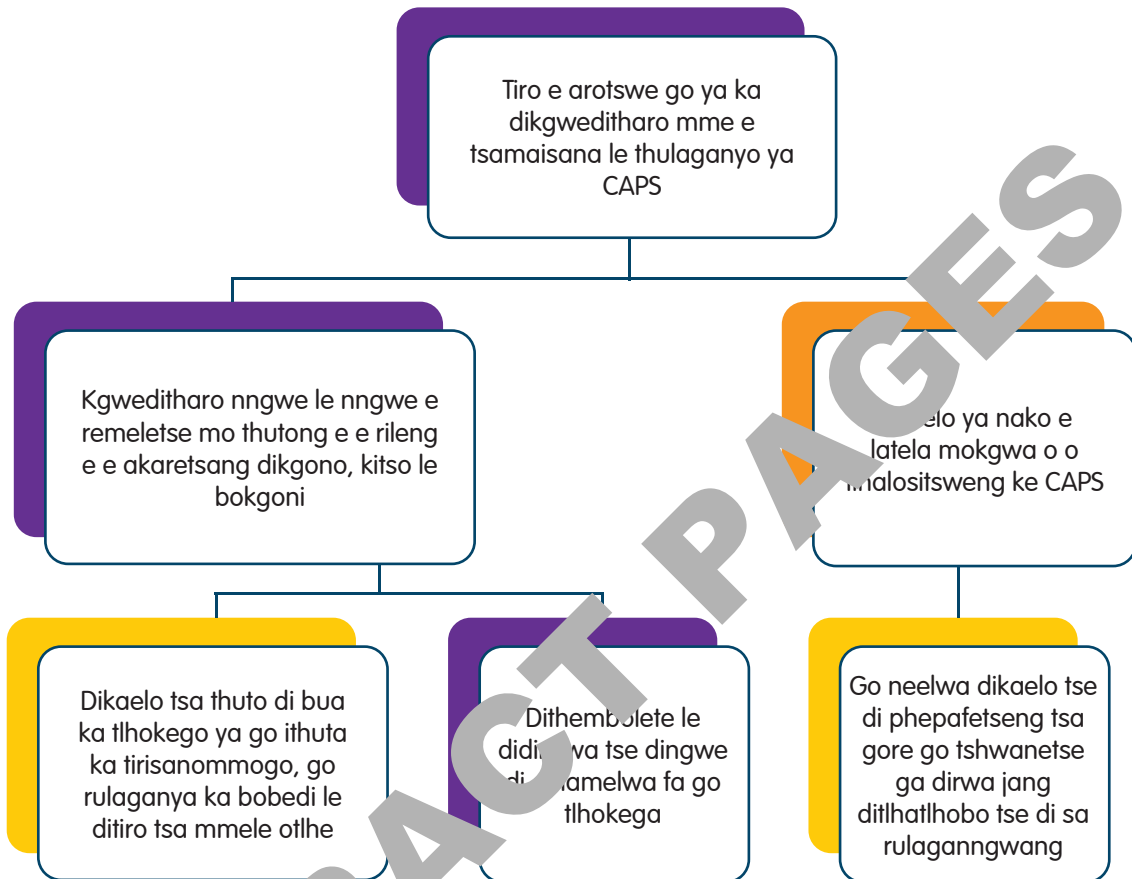


3.3. Dikarata tsa go kwala khoutu

Karata ya go kwala khoutu	Letshwao	Tlhaloso (tiro)	Karata ya go kwala khoutu	Letshwao	Tlhaloso (tiro)
	Kwa pele	Tsamaya kgato e le nngwe go ya kwa pele.		Boeletsa makgetlo a le matlhano	Boeletsa tiro makgetlo a le matlhano.
	Godimo	Tsamaya kgato e le nngwe go ya kwa godimo.			
	Tlase	Tsamaya kgato e le nngwe go ya tlase.		Poapoeletso (Modikologo)	Letshwao la poapoeletso le go bolelela go boeletsa matlhano ya dikgato.
	Molema	Tsamaya kgato e le nngwe go ya molemeng.		Letshwao la leta	Letshwao la leta le go bolelela go emisa metsotswana e mebedi.
	Moja	Tsamaya kgato e le nngwe go ya mojang.		Modumo	Letshwao la modumo le go bolelela go reetsa modumo.
	Retologela ka fa molemeng	Retologela ka fa molemeng.		Bina (Motantsho)	Letshwao la motantsho le go bolelela go tantsha gangwe.
	Retologela ka fa mojang	Retologela ka fa mojang.		Bua	Letshwao la go bua le go bolelela go bua.
	Fa/morago	Fa (polelo), morago dira seno (dira tiro).		Retologa (Dikologa)	Letshwao la go dikologa le go bolelela go dikologa gangwe. (Retologa ka gotlhe).
	Sekamela kwa pele	Sekamisetsa mmele wa gago kwa pele.		Thala	Letshwao la go thala le go bolelela go thala.
	Sekamela kwa morago	Sekamisetsa mmele wa gago kwa morago.		Phaphata (Opa diatla)	Letshwao la opa diatla le go bolelela go opa diatla gangwe.

	Sekamela ka fa molemeng	Sekamisetsa mmele wa gago ka fa molemeng.		Go keteka (Tsholeletsa seatla kwa godimo)	Letshwao la tsholeletsa seatla kwa godimo le go bolelela go dumela ka go tsholeletsa seatla kwa godimo.
	Sekamela ka fa mojeng	Sekamisetsa mmele wa gago ka fa mojeng.		Latela	Letshwao la latela le go bolelela go latela.
	Tsholeletsa (Sela)	Sela selo.		Kgorometsa	Letshwao la kgorometsa le go bolelela go kgorometsa.
	Baya fa fatshe	Baya selo fatshe.		Goga	Letshwao la goga le go bolelela go goga.
	Simolola	Letshwao la simolola le go bontsha fao letshwao la go simolola le leng teng.		Go siame (Kgononope kwa godimo)	Letshwao la kgononope kwa godimo le dirisediwa go re ee.
	Tsamaya	Letshwao la tsamaya le go bontsha go simolola le...		Ga go a siama (Kgononope kwa tlase)	Kgononope kwa tlase e dirisediwa go re nnyaa.
	Ema	Letshwao la ema le go bontsha gore o emise leng.		Nagana	Letshwao la nagana le go bolelela go: <ul style="list-style-type: none"> • nagana ka sengwe. • itlhamele (kakanyo); • loga leano
	Boeletsa makgetlo a le mabedi	Boeletsa tiro makgetlo a le mabedi.		Tlola	Letshwao la tlola le go bolelela go tlola gangwe.
	Boeletsa makgetlo a le mararo	Boeletsa tiro makgetlo a le mararo.		Tlola sengwe (Tlola mo godimo)	Letshwao la go tlola mo godimo le go bolelela go tlola mo godimo ga sengwe.
	Boeletsa makgetlo a le mane	Boeletsa tiro makgetlo a le mane.			

4. Dikarolo tsa Kaedi ya Morutabana

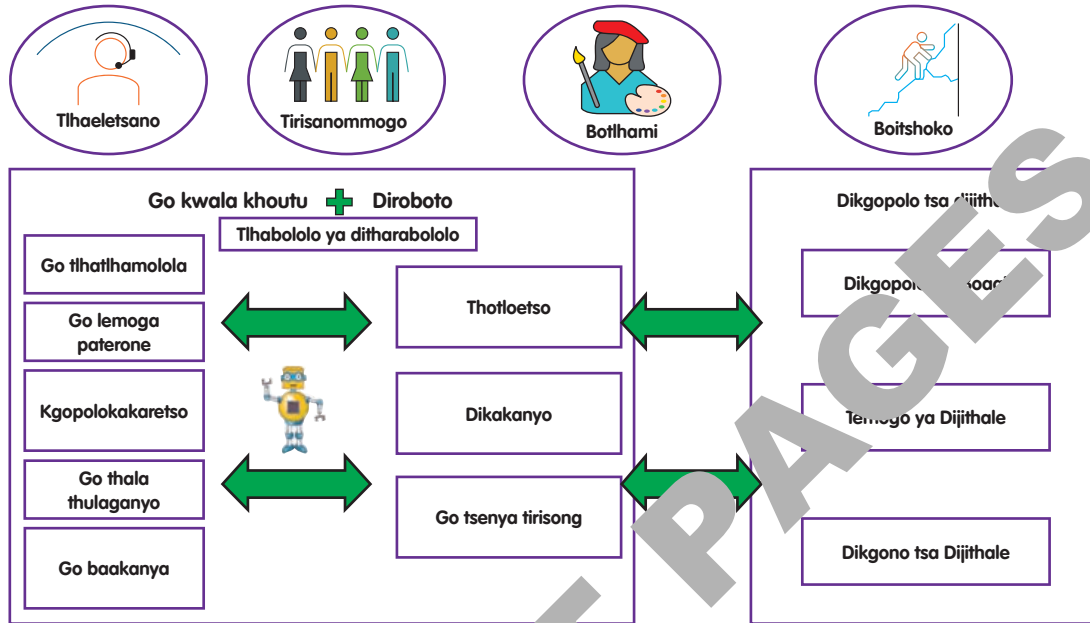


5. Molebana le tsamaiso

5.1. Go kopanya khoutu le diroboto ke eng?

- Go dira khoutu le diroboto go kopanya melaometheo ya go dira khoutu le go dira diroboto, go di aga le go di dirisa.
- Go tsamaisa dikgopolo, mekgwa le ditsela tsa go dira dithulaganyo go laola diroboto gore di dire ditiro tse di rileng.
- E akaretsa dikgopolo tsa dijithale tse di buang ka megopolo e e farologaneng, melawana le ditsamaiso tse di amanang le dithekenoloji tsa dijithale le tiriso ya tsone.

- Kharikhulamo ya Go kwala khoutu le Diroboto e ikaegile ka dipilara tse di latelang, jaaka go bontshitswe mo setshwantshong se se fa tlase:



Go kwala khoutu le Diroboto

Kharikhulamo ya Go kwala khoutu le Diroboto e theilwe mo dikgopolong tse di latelang:

- **Go kwala khoutu** ke go kwala ditaelo tse khomphiuta e ka di tshaloganyang le go di latela. Ke tse e batho ba bolelelang dikhomphiuta ka yone gore di dire eng, kgato ka tsela go di dira gore di dire ditiro tse di farologaneng.
- **Diroboto** e akanya science le boenjenerere go dira metšhine e e kgonang go lemoga se se dikogileng, go dira ditshwetso le go dira ditiro tse e di dirang le nosi. E naya barutwana tšhono ya go ithuta, go lekeletsa le go itirela ka tsela bone. Diroboto di tlhoma mogopolo mo go tlhamiweng, di diratsa le tirisong ya diroboto.
- **Dikgopolo tsa dijithale** go akaretsa mefuta e e farologaneng ya bokgoni le go tshaloganya tse di thusang bathuti go dirisa thekenoloji ka tsela e e nang le mosola le ka maikarabelo.

5.2. Maitlomo a a rileng:

- Tlhabolola bokgoni jwa go rarabolola mathata ka go akanya ka dikhomphiuta
- Tokafatsa tsela ya go akanya ka go tlhama dilo gore go nne le tharabololo e e tlhamang dilo tse dintšhwa e e tsepameng mo bathong.





- Nna karolo ya kokomana ya batho ba ba akanyang ka tsela e e botlhale ba ba dirisang dikhoutu, diroboto le bokgoni jwa go dirisa didirisiwa tsa dijithale go tshalosa megopolo ya bone.
- Rotloetsa go tlhama dilo, go akanya ka tsela e e masisi, go dirisana mmogo, go buisana le go dira dilo tse dintšhwa
- Dira dilo ka tsela e e nang le boikarabelo le ka tsela e e nang le dipelo mo lefatsheng la didirisiwa tsa dijithale.
- Tlhaloganyana ka fa thekenoloji e amang setšhaba ka teng.
- Aga boikanyo jwa go lebana le dikgwetlho ka go dirisa dihono tse di ntsi le go akanya ka tsela e e tshwanetseng.

6. Dikgono tse di Rileng

6.1. Go nagana jaaka khomphiuta

- Go akanya ka dikhomphiuta ke mokgwa wa go rarabolola mathata o o akaretsang go kgaoganyana mathata a a raraaneng ka dikarolo tse dinnye tse di laolegang.
- E thusa barutwana go tokafatša bokgoni jwa bone jwa go rarabolola mathata a go kwala khoutu le diroboto. Bokgoni jono gape bo ka dirisiwa go rarabolola mathata a a ntsi le letsatsi.
- Ke tsela ya go akanya le bokgoni jo bo dirisiwang go rarabolola mathata le go dira ditiro ka tsela e e nang le dipelo.
- Go akanya o dirisa dikhomphiuta go thusa batho go bona tharabololo e batho le dikhomphiuta di ka e tlhaloganyang.
- Go akanya o dirisa dikhomphiuta ga se ga saense ya dikhomphiuta fela; go ka se mo dikarolong tse di farologaneng le mo maemong a letsatsi le letsatsi, go thusa batho go akanya ka tsela e e utlwalang le e e tshwanetseng.

E akaretsa dikarolo tse di latelang:

 <p>Kgopolokakaretso: Go tlhoma mogopolo mo tshedimosetsong e e botlhokwa le e e maleba le go itlhokomolosa tshedimosetso e e seng botlhokwa le e e seng maleba</p>	 <p>Go tthatlhamolola: Go rarabolola bothata ka raraaneng ka go bo kgaoganya ka dikgwetso tse dinnye tse di kgonang go lalela</p>
 <p>Go lemoga paterone: Go lemoga diitshwano le dipharologano. Go lemoga dipaterone tse di tshwanang mo mathateng a mangwe go go thusa go rarabolola bothata jo bošwa.</p>	 <p>Thulagano: Go tshalosa tatelano e e tlhomameng ya dilo tse di gotsa ditaelo tsa go dira tiro.</p>

Mo dirobotong, barutwana ba dirisa go akanya ka dikhomphiuta go tlhama, go aga le go rulaganya diroboto. Tse di roboto eno e dirang ka yone e bontsha ka fa ba ileng ba dirisa tsela eno go akanya ka teng fa ba ntse ba leka le go baakanya khoutu ya bone.

6.2. Go akanya ka go tlhama

- Go akanya ka tlhama go tlhama go tlhoma mogopolo mo bathong e bile go rotloetsa go tala le bo kgoni jwa go tlhama le go dira dilo tse dintšhwa.

E latela thulaganyo e latelang ya dikgato tse tharo:

- Go akanya go tlhama ke mokgwa wa go rarabolola mathata o o kopanyang tlhamego le popego mme o tsepamisitse mo go thaloganyeng le go rarabolola dikgwetlho.

Se se latelang se tshalosa thulaganyo ya go tlhama:

- **Go utlwela botlhoko:** go thaloganya gore modirisi wa bofelo ke mang mo maemong a a rileng.

- **Tlhalosa:** go tlhalosa ka botlalo dilo tse badirisi ba di tlhokang, go akaretsa bokgoni jwa bone dikgele tsa bone le melaometheo ya bone ya konokono.
- **Go akanya:** go akaretsa go tlhama dikakanyo le ditharabololo ka go dirisa mekgwa e e farologaneng.
- **Setlhangwa sa ntlha:** e akaretsa go tlhama tharabololo e le nngwe kgotsa go feta go rarabolola bothata.
- **Tlhatlhoba:** go sekaseka go nonofa ga tharabololo.

7. Go Kopanya Go kwala khoutu le Diroboto mo Kgatong ya Motheo

<p>Dithulaganyo</p> <p>Mo go ruteng go bala le go kwala, go rulaganya dilo ka tatelano le go sobokanya go na le seabe sa botlhokwa</p> <p>Mo dipalong, go kgaoganya mathata a a raraaneng ka dikgato tse dinnye tse di motlhofo ke tsela e e botlhokwa ya go rarabolola mathata</p>	<p>Go fetolela go dikarolo tse dinnye</p> <p>Mo go tsa saense ya dikhomphiuta le dipalo, go kgaoganya tiro ka dikarolw tse dinnye tse nngwang go di laola go dirisa mekgwa e e motlhofo go e rarabolola</p>	<p>Dikarolo tsa Taolo</p> <p>Mo go kwalleng khoutu, go batla tatelano e ditaelo di tla tsamayang ka yona mo porogoramong</p> <p>Mo go tsa dipalo, go akanya ka tsela ya go batlisisa go kaya go dirisa mabaka le go leka mekgwa e e farologaneng go rarabolola mathata</p>
<p>Go kwala khoutu le puo ya tholego</p> <p>Go ithuta go kwala khoutu le go gantsi go tshwantshiswa le go ithuta puo e ntšhwane</p>	<p>Go tlhama</p> <p>Go tlhama didiriswa tsa diroboto go golaganya le dikarolo tsa Botaki jwa Tlhama le go kopanya dikarolo tsa Dikgono tsa Botshelo</p>	<p>Dikgopolo tsa dijithale</p> <p>Dintlha tse di jaaka ditlamorago tsa thekenoloji le go nna moagi wa dijithale di amana le Dikgono tsa Botshelo (Go Itekanela ga Botho le ga Loago)</p>

8. Kabelo ya nako

Go ya mekgwa ya Pholisi ya Kharikhulamo le Tlhatlhobo (CAPS), Go kwala dikhoutu le Diroboto di abelwa ura e le nngwe mo potologong ya matsatsi a le mathano mo Mophatong R go ya go 2, le diura di le pedi mo potologong ya matsatsi a le mathano mo Mophatong wa 3.

Tafole e e latelang e bontsha kabo ya nako ka paka ya Mophato 1:

Mophato 1 = % ka beke	Paka 1	Paka 2	Paka 3	Paka 4
Go lemoga Paterone	15	15	15	15
Dithulaganyo & Go kwala khoutu	50	50	50	50
Diroboto	30	30	30	30
Dikgopolo tsa Dijithale	5	5	5	5
Palogotlhe	10 dibeke	10 dibeke	10 dibeke	10 dibeke

9. Pharologanyo, Tekatekano le Kakaretso



Ditlhophatso tsa Pharologanyo

Lebokose 1: Ditlhophatso tsa dipharologanyo

Setlhophatso sa pharologanyo	Analoso	E akareditswe jang mo bukeng
1. Pharologanyo ya Seno Morafe	Seno se raya gore re tsentse ditso le merafe tse di farologaneng, go dira gore barutwana ba ithute ka dipono le meetlo ya batho ba ba farologaneng.	Re tsentse baanelwa, bakwadi le batho ba ba itsegeng mo hisitoring go tswa kwa ditsong tse dintsi tse di farologaneng. Dikgang le dikao tse di akaretsang meetlo, dingwao le dipuo tse di farologaneng. Seno se thusa barutwana go ithuta ka ditso tsa batho ba bangwe le go ba thusa go tila go tlhoa batho ba bangwe ka gore ba ithute ka histori ya batho bao le dikgwetlho tse ba lebanang le tsona.

Sethlopha sa pharologanyo	Tlhaloso	E akareditswe jang mo bukeng
2. Pharologanyo ya Bong	Pharologanyo ya bone e raya go emela bong jotlhe mme seno se akaretsa go buisana ka seabe seo batho ba bong jo bo rileng ba nang le sona, batho ba ba sa batleng go kgethololwa ka bong le ba ba fetolang bong jwa bona nako nngwe le nngwe.	O tla lemoga gore re lekalekantse bong jotlhe mo mokwalong, mo ditshwantshong le mo dikaong tse re di dirisang. Re tsentse baanelwa ba ba sa batleng go kgethololwa ka bong le ba ba fetolang bong jwa bone eleng dilo tse di gweilhang di tshelanele diabe tsa bong. Ka sekao go buisana le basimane le basetsana ho dirisa dilo tse di farologaneng, go tloga go tloga theng mo phaposing ya boamole go tloga dulong tsa saense le boamole go rotloetsa tekatekano ya bong.
3. Pharologanyo ya loago le ikonomi	Seno se raya go tsenya batho ba maemo a a farologaneng a ikonomi le go tlotla ka go sa lekalekane ga maemo a ikonomi.	Re tsentsa batho ba maemo a a ikonomi, go bontshang gweilho tse di leng teng tse di tshelanele go bona thuto, ditirelo tsa ditlamelo le ditlamelo. Seno se thusa batho ba maemo a a ikonomi go tswelana le batho ba maemo a a ikonomi mme seno se dira gore ba bue ka tshosologo.
4. Pharologanyo ya Dipuo	Pharologanyo ya dipuo e raya gore re akareditse dilo tse di dirisang farologaneng le go tlotla dilo tse di buiwang ke batho ba le mmalwa fela.	O tlele go bona dikgang tse di amang dipuo tse di farologaneng le go rotloetsa barutwana go tlotla dipuo tse dingwe tse di buiwang ke batho ba le mmalwa. Gape re tsentse dikao tse di bontshang botlhokwa jwa go ranola le go fetolela dipuo tse dingwe segolobogolo tse di buiwang ke batho ba le bantsi, maitlomo e le go thusa barutwana go akaretsa dilo tse dintsi mo metlotlong ya bona.
5. Bogole le kgona go tloga mo dikagong	Seno se tlele go sekaseka thata batho ba ba tshelang ka bogole le go bua dilo tse di ba kgoreletsang go tsena mo dikagong dingwe.	Go akareditswe baanelwa ba ba tshelang ka bogole, go tlhomamisa gore ba a tsengwa mo dikgannyeng le mo ditrong tsa sekolo. Gape re tlotla ka dikgang tse di malebana le go fitlhelela dilo dingwe, e ka tswa e le ka namana, ka mafaratlhatlha kgotsa mo go tsa loago mme re dirisa puo e e bonolo. Seno se dira gore barutwana ba ba amogele le go ba utlwela botlhoko mme ba ba tlhaloganye.

Setlhopha sa pharologanyo	Tlhaloso	E akareditswe jang mo bukeng
6. Tshekamelo ya Thobalano le go akaretsa LGBTQ+	<p>LGBTQ+ e emela Lesbian (basadi ba ba ratanang le basadi ba bangwe), Gay (bannaba ba ratanang le banna ba bangwe), Bisexual (bong jo bobedi), Transgender (Bong jo bo fetotsweng), Queer or Questioning (se se sa tlwaelegang), le tse dingwe. Letshwao la "+" le emela batho ba tshekamelo ya thobalano, ba ba tlhomologang ka bong le le ba ithalasang ka mokgwa o o sa tlwaelegang ba ba jaaka ba ba se nang bong, ba ba dirang thobalano le mongwe le mongwe mosadi kgotsa monna, batho ba se nang kgatlhego ya thobalano gotlhelele le batho ba ba bong jo bo farologanang. Lefoko leno le akaretsa batho botlhe ba ba welang mo diithalasang tse di boletsweng fa godimo.</p>	<p>Batho ba ba tlhomololang e le ba LGBTQ+ ba emiseditswe mo dibukeng tsotlhe tsa rona. Re akareditse dikao le maemo tse di ithalasang dikgang tse di mabapi le LGBTQ+ le ditshiamelo tsa bona, tse gape ra bua ka go tla tlhaolele, gore e the barutwana gore ba tlhaloganyane go tla go farologana mo dikgang tsa thobalano.</p>
7. Pharologanyo ya Bodumedi le Dilo tsa Semoya	<p>Seno se akaretsa go tse akaretsa ditumelo tse di farologaneng le go rotloetsa go tlotla dingwaga tse di farologaneng tsa semoya.</p>	<p>Dibuka tsa rona di na le dikgang tse di rutang barutwana ka ditumelo tse di farologaneng le dingwaga tsa semoya. Gape re rotloeditse gore ditumelo tse di farologaneng di dirisane mmogo gore ba tlotlane le go tlhaloganyana gareng ga ditumelo. Go tsentswe le dipono tsa batho ba ba farologaneng gore ditumelo tsotlhe di nne le kemedi e e molemo mo setshabeng.</p>
8. Pharologanyo ya Dingwaga	<p>Pharologanyo ya dingwaga e akaretsa batho ba dingwaga tse di farologaneng le go buisana ka kgang go tsofala.</p>	<p>Mo dibukeng tsa rona o tla bona dikao tsa baanelwa go tloga go bana go fitlha go batho ba ba godileng. Re buile thata gape le ka botlhokwa jwa go amana ga dikokomana, ra tlotla ka dikgang tse di amanang le bogodi jaaka go rola tiro le go tlhaolwa ga batho ba ba tsofetseng kwa ditirong. Seno se thusa barutwana go tlhaloganya botlhokwa jwa batho botlhe mo setshabeng.</p>

Setlhopha sa pharologanyo	Tlhaloso	E akareditswe jang mo bukeng
9. Pharologanyo ya thutafatshe	Pharologanyo ya thutafatshe e emela batho le mathata ao ba nnang le ona mo dikarolong le mo ditikologong tse di farologaneng, mo lefatsheng lotlhe le mo nageng ya rona.	Dibuka tseno di akaretsa dikgang tse di buang ka dikarolo tse di farologaneng tsa lefatshe, le go bua ka mathata a lefatshe lotlhe le ao re nang nao mo nageng ya rona ao barutwana ba ka a tlhalosang motlhofo. Re na le dikao tse di dikarolong tsa maemo a metsesetoropeng le tsa magang, go bontsha dikgwetho tse tselemo tse di leng teng mo tikologong ka ngwe.
10. Pharologanyo ya Tlhaloganyo le go ithuta	Seno se akaretsa mefuta e e farologaneng ya go ithuta, bokgoni le go tlhaloganya dilo tse di farologaneng, tse di jaaka malwetse a tlhaloganyo.	Re ruta pharologanyo ya tlhaloganyo le go ithuta ka go senyeng mefuta e e farologaneng ya go ithuta e e atlenegisang mekgwa ya farologanyo ya go ithuta. Ditiro tsa phaposiborutelong di dirilwe gore di akaretsa barutwana ba ba nang le dikgato tse di farologaneng tsa go ithuta, go tselelela mo sekolong. Gape re tsentsa le tse di tshabang tse di tshabang tse o ka di dirisang.

10. Go dira phaposiborutelo e e akaretsang batho botlhe le fa ba farologaneng

10.1. Pharologanyo mo phaposiborutelong

Ditsela 1-10: Dira go phaposiborutelo e nne lefelo le le monate le le akaretsang bana botlhe

1. Dira gore e nne lefelo le le babalesegileng:

Tlhomamisa gore phaposiborutelo e nne lefelo leo barutwana ba ikutlwang ba babalesegile mo mmeleng, mo maikutlong le mo tlhaloganyong. Ba botlhetse gore ba botse dipotso, ba batle go itse le go thusana ka go ithuta mo bhekaneeng ba bone.

2. Tlhome melao e e tlhamaletseng le e e tlotlegang:

Dira gore bana ba tlotlane le go tshepana ka go tlhoma melao e e tlhamaletseng ya mo phaposiborutelong. Fa mongwe le mongwe a itse gore go lebeletse eng mo go ene, phaposiborutelo e tla nna lefelo le le siametseng botlhe.

3. Itumelele bana ba ba itshwereng sentle:

Ela tlhoko bana ba ba itshwereng sentle mme o ba akgole. Fa o ba rotloetsa seno, o tla nna le bana ba bantsi ba ba maitseo!

4. Go se ke ga sotliwa kgotsa ga kgerisanwa:

Tlhomamisa gore ga gona ope yoo kgerisang ba bangwe mo phaposiborutelong, le gore morutwana mongwe le mongwe o golobegile go araba ebile ba tsewa ba le botlhokwa le go akarelediwa mo dilo tse dingwe.

5. Puisano e e nang le tlotlo:

Dira gore bana botlhe ba reetsane le go buisana ka tlotlo. O dirile gore go bue motho a le mongwe ka nako mme botlhe ba reetsane ka klotlhoko. Rotloetsa tirisanommogo! Ke one mokgwa o siameng go tlogela bana ba ithute le go nna baeteledipele ba kamoso.

6. Rotloetsa gore yo o tshegang a bolelele ba bangwe gore o tshega eng. Dira gore barutwana ba tshege mmogo e seng go tshegane. Go dira dilo lo le mmogo go dira gore go nne monate mo phaposiborutelong.

7. Dira gore bana ba dirisanemmogo. Rotloetsa barutwana gore ba nne le tirisanommogo le wena le garing ga bone le bathokomedi/batsadi ba bona. Fa barutwana ba dirisanammogo seno se tla dira gore go nne le dipelo tse di molemo.

8. Ruta ka ditsela tse di farologaneng. O gopole gore morutwana mongwe le mongwe o na le mela ya gagwe ya go ithuta. Rotloetsa le go tshegetsatsela tseno tse di farologaneng.

9. Rotloetsa barutwana gore ba ithute mo go ba bangwe. Rotloetsa barutwana gore ba ithuta mo tse dingwe mo balekaneng ba bone. Seno se dira gore baithute le go dirisanammogo.

10. Dira gore barutwana ba bangwe ba rute ba bangwe. Thusa barutwana gore baithute mo go ruta bana ba bangwe. Ke mokgwa o o monate le o o molemo wa go ruta barutwana ba ithute le go kgona go nna baeteledipele ba kamoso.

10.2. Itumelele go farologana ga morutwana mongwe le mongwe

Ke selo sa botlhokwa fa barutwana ba ipona le maitemogelo a bone a a farologaneng a bontshiwang mo phaposing. Seno se raya go bontsha pharologano mo mokgweng o a lebegang ka one, a buang ka gone, a itsegeng ka teng, setso sa gagwe, bodumedi, bong, tshekamelo ya thobalano (go

akaretsa LGBTQ+) dingwaga le dilo tse ba kgonang go di dira. Dibuka tsa rona di na le baanelwa ba ba farologaneng go bontsha maitemogelo ano a a sa tshwaneng. Re tlhophisa ka kelotlhoko ditshwantsho, tiro e e takilweng le diteng tse di emelang batho ba ba farologaneng, ditikologo le maemo a boammaaruri a a dirang gore re itumelele go tshela mo Aforika Borwa le gongwe le gongwe fela.

Re go rotloetsa gore le wena o dire se se tshwanang mo phaposiborone ya gago. Anela dikgang e le go bontsha go sa tshwane ga batho ba ba farologaneng, bontsha dintshwantsho tsa kwa magaeng le ntlafatso ya metsesetoropong mme o bua ka batho ba ba nang le bokgoni jo bo farologaneng jwa mmele, bokgoni jwa tlhaloganyo le boitshwareno akaretsa le LGBTQ+. Tlotlang ka ditumelo tse di farologaneng, dingwaga le bong jo bo farologaneng mme le sekaseke maemo a ikonomi a barutwana ba gago ba tlhokang go a itshokela. Iphe nako ya go ba ruta ka ditshwantsho tse re nang le tsona le dinaga tse dingwe le batho ba bangwe mo rona Aforika le mo lefatsheng lotlhe. Fa o dira seno, o tla bo o thusa gore morutwana mongwe le mongwe a bonwe, a tseelwe kwa godimole gore e le karolo ya lefatshe lotlhe.

11. Mokgwa wa go ruta o o akaretsang

Thuto ya pharologanyo ke mokgwa wa go ruta o o akaretsang o gantsi o tlhomang mogopolo mo rona tseo barutwana ba di lemogang le go di tlhaloganya tse di amang ditshwantsho botlhokwa ka gore go akarediwe **pharologanyo** mo go rona. Seno se dirwa ka gore barutwana ba tshware kgopolo e e tseneletsa go rona e rutiwa ka ditsela tse di nang le dikao tse dintsi le ditsela tse di nang le dikao e le gore ba bone dilo tse di farologaneng ka thuto eno le dilo tse di tshwanang ka yona.

Kgopolo e e tshwareno ya **Thuto ya Pharologanyo** ke gore barutwana ba ithuta botokoa fa ba bontshiwa tsela e thuto e farologanang ka teng le kafa e tshwanang ka teng mo rona tse di rutiwang. Seno se re bontsha gore barutwana ga ba kgone go tlhaloganya dilo sentle kwantle ga gore ba bone ditsela kgotsa maemo a kgang eno e farologaneng ka teng kgotsa e tshwanang ka teng. Fa o bontsha barutwana kgopolo ya se e leng sona le se e seng sona, ba tla kgona go itse go tlhophisa selo sa botlhokwa.

Fa re e tlhalosa ka tsela e e bonolo fela, **fa o batla go ithuta kgopolo e e rileng sentle, e ithute dilo tse e fetogang mo go tsona le mo e sa fetogeng teng**. Seno se ba thusa go lemoga dikarolo tsa botlhokwa tsa kgopolo eo. Rona barutabana re ka thusa ka

go bontsha dikao tse di farologaneng tse di tlotlomatsang dipharologanyo tseno, gore re thuse barutwana gore ba tshaloganye mo go tseletseng.

Dikarolo tsa konokono tsa thuto ya pharologanyo mo go ruteng le mo go ithuteng di akaretsa:

11.1. Tihoma mogopolo mo diponagalong tse di botlhokwa: Morutabana o tshomolola dikarolo tsa botlhokwa ka kgopolo e e rileng a bo a re nna le kgopolo e e rileng dipharologanyo tse di gatisang diponagalo tseo.

11.2. Dipharologanyo tsa Dipaterone: Morutabana o dirisa dipaterone tse di farologaneng go thusa barutwana gore di farologana kae le go tshwana kae. Dipaterone tseno di akaretsa:

- **Pharologanyo:** Go bontsha dikao tse di farologaneng go tlotlomatsa diphetogo.
- **Kakaretso:** Go dirisa dipharologanyo mo eno ga kgopolo e e rileng gore o tshaloganye thuto mo go feletseng.
- **Karogano:** Go arola karolo nngwe le nngwe gore o bone botlhokwa jwa yona.
- **Go kopanya:** Go kopanya dikarolo tse di botlhokwa gore o bone gore di tshakana jang le kgopolo e e rileng.

11.3. Temogo: Fa barutwana ba tlogela dikao tse di farologaneng, ba tla kgona go lemoga dikarolo tse di botlhokwa le go nna le kgopolo e e rileng tseletseng ya se bontsho.

12. Tsela ya go Ruta go Kwala Dikhoutu le Diroboto

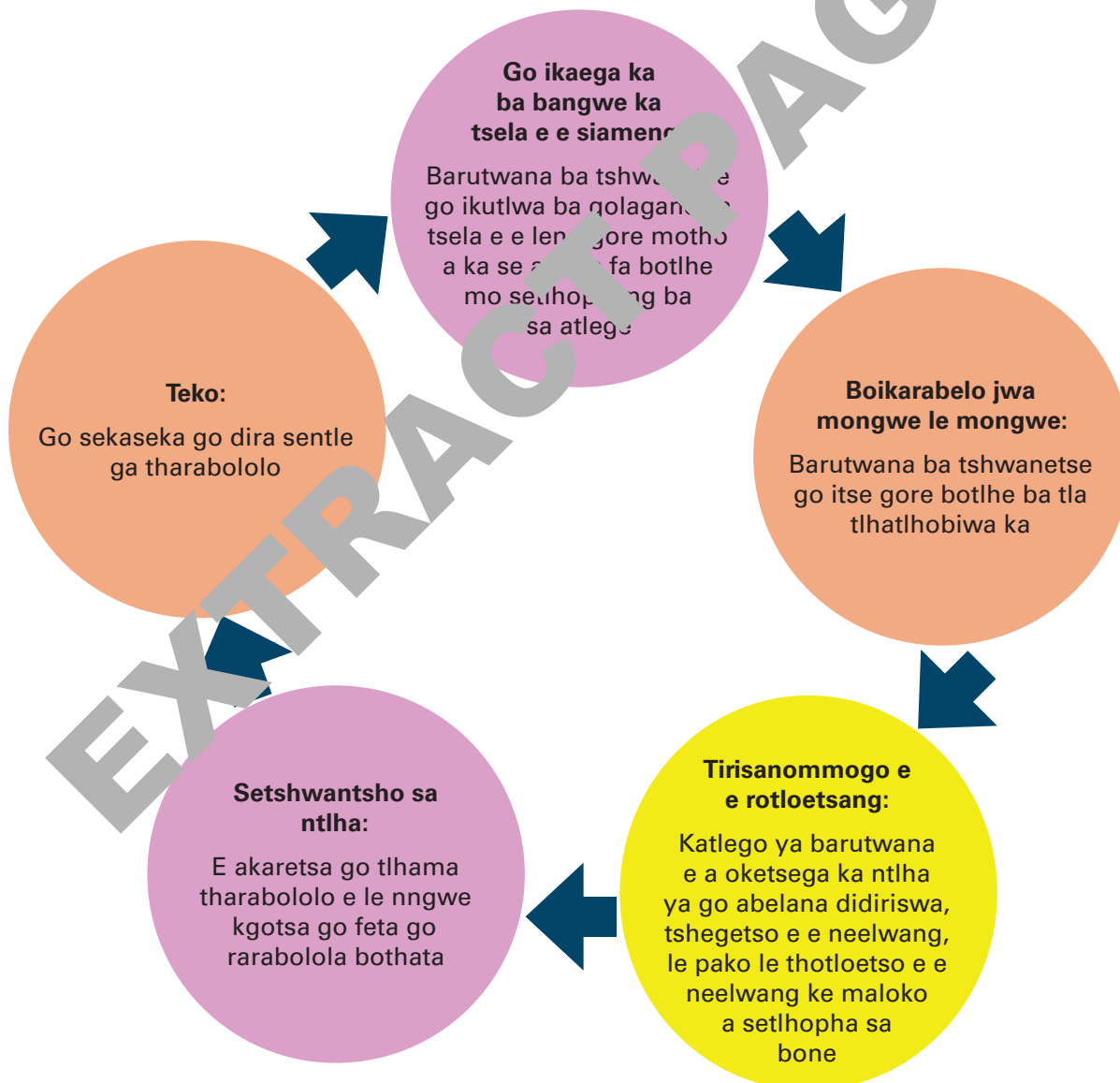
Go ruta le go ithuta go tla dirisa leano la go ithuta le le ikaegileng ka mathata, le le gatamelang mokgwa o o tshagafetseng, o o tsepameng wa morutwana.

Go ithuta mo go ikaegileng ka Bothata Kgatlhanong le Go ithuta mo go Tlwaelegileng	
<ul style="list-style-type: none"> • Barutwana ba dira ka ditlhopho go rarabolola mathata a a tlwaelegileng. • Tlhabolola bokgoni jwa go dira mo setlhopheng, go buisana le go dira dipatlisiso. • Go tokafatsa bokgoni jwa go akanya ka tsela e e masisi le go rarabolola mathata. 	<ul style="list-style-type: none"> • Barutabana ba a ruta. • Barutwana ba newa tshedimosetso kwantle ga gore ba dire maiteko a magolo. • E ikaegile ka go ithuta ka tlhogo le go tshwara dilo ka tlhogo.

12.1. Go Ithuta ka Tirisanommogo

Go ithuta ka tirisanommogo ke mokgwa wa go ruta o mo go one barutwana ba dirang mmogo ka ditlhophha tse dinnye, ba thusana go ithuta. Seno se dira gore ba itumelele go ithuta e bile se ba thusa go tokafatsa bokgoni jwa bone.

Ditiro tsa go ithuta le ditiro tsa go ithuta di rulagannngwa le go tlhokomelwa ke morutabana, mme leloko lengwe le lengwe la setlhophha le tlhokomelwa ka tsela e e bangwe ba dirang ka yone mo dithutong tsa bone. Go tlogela go tsenya tirisong go ithuta ka tirisanommogo, bakwadi ba ba etelile se seng sele mo lefapheng leno (David Johnson le Rodger Johnson) ba gatelela go tlogela ka maikaelelo dilo tse tlhano tsa motheo (Johnson & Johnson, 2001:55-56)



12.2. Go Rulaganyetsa Bobedi ka Bobedi

Go rulaganya ka bobedi ke mokgwa wa go ruta o mo go one barutwana ba babedi ba dirang mmogo go wetsa tiro kgotsa maikaelelo a a tshwanang. Go dira dithulaganyo ka bobedi go tswa mo madirelong a dithulaganyo. Mo thulaganyong ya sekolo, morutwana a le mongwe o tla diragatsa seabe sa "mokgweetsi"; mme moithuti yo mongwe ene ke "mosupatsela".

Mokgweetsi = o dirisa khiiboto kgotsa o kwala mo pampiring.

Mosupatsela = dirisa metswedi le ditebosešwa tsa tiro ya mokgweetsi.

Mo motseletseleng ono, ditiro di le dintsi tsa kiriti di tla akaretsa morutwana a le mongwe yo o dirang jaaka "mokwadi wa khoutu," yo o tla rulaganyang "roboto." Morutwana o tla tsaya karolo ya "roboto," go kwala ditaelo tsa mokwadi wa khoutu.

12.3. Go ikatisa ka methla

Go kwala khoutu le diroboto go tlhoka gore motho a akanye ka tsela e e masisi, a tsepamise mogopolo le go ikatisa ka methla. Mokgwa ono o tshwanetse go nna le boikaelelo, o rulagannngwe sentle, mme o agelwe ka iketlo mo kitsong e e setseng e le teng. Go ikatisa ka go ruta go akaretsa go ipeela maikaelelo a a rileng, go utlwa gore ba bangwe ba ikutlwa jang le go dira maiteko a go tokafatsa bokgoni jwa gagwe.

12.4. Saense ya go Ithuta

Kharikhulamo e kwelwa ke saense ya go ithuta, e e lemogang maano a a gaisang a go ruta a thelweng mo bosuping jo bo tokafatsang go nna le kitso ka lobaka lo pleele go tokafatsa dipholo tsa go ithuta.

13. Go laola thuto ka tsela e e atlegang

Rulaganyetsa kwa pele

Rulaganya dithuto o na le dikgele tse di tlhamaletseng le didirisiwa tse di siameng. Seno se boloka nako mme se thusa baithuti go nna ba tlhomile mogopolo.

E dire bonolo

Arola ditiro go nna tse di dikgato tse di potlana, gore barutwana ba di latela ka tsela e e bonolo.

Fetofetola Maemo

Iketleetse go fetola thuto ya gago fa o lemoga gore barutwana ga ba tlhaganya kgotsa fa o tloga di kgoreletsa.

Akaretsa barutwana

Dirisa ditiro tse di farologaneng gore barutwana ba nne ba kgatlhegetse thuto le go nna le seabe.

Laola maemo

Dirisa thuto e nnyo mme o tloga o tlele barutwana go tloga dipotso le go lekola dikgopolo tse dihwa.

14. Go laola phaphosiborutelo e kgolo

- Go laola diphaposiborutelo e kgolo, e leng selo se se twaelegileng thata mo dikolong di le dikgato, e nna nna kgwetlho. Go dira dikaelo tse bana botlhe ba tlileng go di iketleletsa gore ba go tlotle le gore ba itumelele go ithuta. Go dira gore barutwana ba ithlophela mekgwa e ba tlileng go e dirisa mo phaphosiborutelo go tloga dikgele tsa go ithuta go dira gore ba rate ditaello tseno le go di iketleletsa ka tshosologo. Mekgwa e e siameng ya go laola phaphosiborutelo e akaretsa:
- Go baya meelwane: Tlhalosa sentle melao le meelwane tse di tlhomilweng go tloga fela kwa tshimologong mme o ba gopotse yone nako le nako.
- Tlwaelo le popego: Go tlwaela go dira dilo ka molao go thusa go laola diphaposiborutelo tse dikgolo.
- Tiro ya balekane: Go abela barutwana go dira ba le babedi kgotsa e le setlhopha go thusetsa gore ba rutane, ba dirisane le go rwala maikarabelo e le setlhopha.

- Dithuso tsa pono le tsa kutlo: Dirisa dithuso tsa pono (diphousetara, matshwao a diatla) le dithuso tsa kutlo (mmino, go opa diatla) go godisa ditaello.
- Taelo e e farologantsweng: Dira gore dithuto tsa gago di fitlhelele ditlhoko tse di farologaneng tsa barutwana mo phaposing.
- Go botlhokwa go gakologelwa gore bana botlhe ke batho ba ba farologaneng, mme ga go kgonege go akaretsa go tshaloganya le go tshala o ditsong tsotlhe le kwa ba tswang teng. Go ithuta go nna teng le ntlhane go nna le maitemogelo. Morutwana mongwe le mongwe o na le tshiso ya gagwe e e leng teng e e ikaegileng ka maitemogelo a nako e e fangeng mongwe le mongwe o tlhomologile.
- Gore barutwana ba gago ba dire ka natla, o tshwanetse go ba thusa gore ba itshepe. Morutwana yo o itshepang ke yo o ikemiseditseng go lebana le dikgwetlho mme ka jalo o tla tshaloganya mo go nne mentšhwa motlhofo.
- Go bopa tikologo e e sireletsegileng e mo go nne barutwana ba ikemiseditseng go itsenya mo kotsing le go di diphoso ke selo se se tlwaelegileng e bile ke karolo ya tshaloganyo ya go ithuta. Dira gore barutwana ba atlege fa ba simolola lona lwa bone lwa go ithuta bokgoni jwa motheo jo bo akareditsweng mo kgatong ya Motheo ya Seesemane. Seno se raya go simolola mo maerang a bone, go ba naya motheo, le go ba ema nokeng fa ba ntse ba ithuta puo mentšhwa le go ithuta go bala le go kwala.
- DUMELA MO GO BAO O PA MOTANG! Morutwana mongwe le mongwe o tshwanetse go itsepe le gona le mongwe yo o dumelang mo go ene le gore o tla atlega.

15. Go Dirisa Mokgwa wa go Ithuta ka go Tlhama le go Dirisa Ditemosi

Go tshala dilo tsa go tlhama mo ditlwaelong tsa letsatsi le letsatsi tsa phapang bobutelo go ka dira gore barutwana ba nne le seabe le go tokafatsa tsela e e tshaloganyang tikologo ya go ithuta ka yone. Sekao, mmino o dirisiwa lefatshe ka bophara go dira gore go nne le moya o o siameng, go laola maikutlo le go thusa mo go ithuteng. Dipatlisiso di bontsha gore mmino o thusa boboko go dira dilo, go bua le go gakologelwa dilo tse o di ithutileng. Fa o dirisa mmino, netefatsa gore ga o ame ka tsela e e sa siamang barutwana ba ba

nang le mathata a go utlwa kgotsa a go utlwa ka go akaretsa barutwana mo go tlhopheng mmimo go dira gore e nne boitemogelo jo bo akaretsang botlhe.

Go tshikinyega, go opela go ka tlhotlheletsa barutwana le go ba thusa go gakologelwa dilo ka go di boaboeletsa, go di opela le go itshidila mmele. Ditiro tseno di dira gore dilo tse di dirwang letsatsi le letsatsi di farologane mme di dira gore go ithuta go nne monate.

16. Tikologo e nngwe

Go dira gore go nne le mafelo a a farologaneng kgotsa go tlole tsela e tlelasee rulagantsweng ka yone go ka dira gore go nne boithoto go ithuta. Ka dinakotse dingwe go tshwarela dithuto kwa ntle kgotsa go rulaganya lefelo la tlelasesešwa go ka thusa. Fa e le gore ga go kgone go tsaya maeto a letsatsi athuto, go dira diphetogo tse dinnye fela mo phosiborutelong ya borutelo, tse di jaakago fetola tsela e ditulo di rulagantsweng ka yone kgotsa go tsenya didirisiwa tsedisha, go ka dira gore tikologo e nne e e kgatlhang.

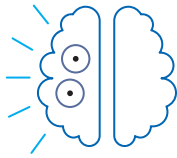
Fa go kgonega, maeto a go ya go bona mafelo a a farologaneng a neela katšhono ya go ithuta go tswa mo maithegong a bone. Ka metlha tlhomamisagore o latela dikaelo tsa sekolo sa gago fa o rulaganya maeto. Fa e le gore o kase kgone go ya kwa maithegong, kopa batsadi kgotsa batho ba mo lefelong la lonagore ba go tšhabe ka dilo tse di amanang le ditlhogo tse go ithutiwang ka tsonago dira gore go ithuta go nne monate.

17. Go Tshedimosa Mefuta e Farologaneng ya go Ruta

17.1. Lemogeng gore barutwana ba ba farologaneng ba ithuta ka ditsela tse di farologaneng

Rotlhe re amogela tshedimose tso, re e dirisa le go e tlhalosa ka ditsela tse di farologaneng go ikaegile ka tsela e re ithutang ka yone. Nna o gakologetswe gore mo phosiborutelong ya gago go tla bo go na le barutwana ba mokgwa wa bone wa go ithuta o farologaneng le wa gago. Bua ka mefuta e e farologaneng ya go ithuta mo phosiborutelong. Bana bangwe ba rata go bona tshedimose tso e ntšhwa, fa ba bangwe bone ba ithuta botoka ka go e utlwa ka ditsebe. Fa o ka kgona go bua ka mekgwa e e farologaneng ya go ithuta, o tla kgona go oketsa bokgoni jwa barutwana, go tokafatsa go itshepa le go itlotla ga bone.

Mefuta e e Farologaneng ya go Ithuta



Go Tlhaloganya Dilo ka Tsela e e Utwalang/ya Dipalo:

- O rata go dira ditekeletso, go tlhaloganya dilo, go dira ka dipalo.
- O ithuta botoka ka go baya dilo ka ditlhopha, go di kgaoganya le go dira ka dipaterone tse di raraaneng.
- **Dikao tsa ditiro:**
- Go rarabolola bothata
- Rotloetsa barutwana go lekeletsa
- Ba laletse go tla go go thusa kgotsa
- Rulaganya didiriswa tsa phaposiborutelo



Go Bua ka Puo/Go Utlwa:

- O rata go bala, go kwala le go anela dikgang
- O ithuta botoka ka go bua, go utlwa le go bona mafoko
- **Dikao tsa ditiro:**
- Tlamela ka tshedimosele e e kwadilweng
- Buisetsa barutwana
- Ba rotloetsa go tla bolelela ka kgotsa kgotsa
- Tshetshetso e ba e buisang le tsa e ba e utlwang
- Tlamela sengwe se ba kwadileng
- Ba rotloetse go ya kwa dilaboraring kgotsa go dira dipatlisiso mo inthaneteng
- Tlamela ka metshameko ya mafoko



Ditshwantsho:

- O tshala, go aga, go tlhama le go bopa dilo
- O nuta botoka fa a dirisa mebala, ditshwantsho le ditaekeramo.
- **Dikao tsa tiro**
- Neela ka mefuta e mengwe ya ditshwantsho go na le go dirisa mafoko sekao ditshwantsho, diphousetara, dimmapa tsa tlhaloganyo, ditshwantsho, dikerafo le ditshwantsho.

18. Boitekanelo jwa Morutabana

Go ruta ke tiro e e nang le kgatelelo e kgolo go baitsenape ba bantsi. Ga se fela gore ke tiro e e batlang nako e ntsi ya gago mme e na le dikgwetlho di le dintsi tsa go tlhoka didirisiwa, gape e na le dikotsi di le dintsi mo nageng ya rona e e nang le bosenyi le tirisodikgoka tse di kwa godimo. Ka ntlha ya mabaka ano go botlhokwa gore o nne le mekgwa e o e dirisang go itlhokomela, go fokotsa ditiragalo tse o tla iphitlhelang o tsene mo kotsing.

Go ela tlhoko le go tlatlhanya

Tsaya metsotso e le mmalwa letsatsi lengwe le lengwe gore o tlatlhanya. Ikatiso ya go hema le go ritibatsa mogopolo di ka go fokoletsa kgatelelo ya maikutlo. Go na le di dirisiwa tsa mahala tsa go tlatlhanya tse o ka iponelana nna mo nthanete tse o ka di dirisang mo phaposiborutelong ya gago ka dinako tse tsa go tlatlhanya.

Rotloetsa baagi ba ba tshegetsanang

Tsenela kgotsa o simolola setlhophisa sa boitekanelo mmogo le wena go thusana le go ithuta. Go arolelana maitemogelo ka tshegetsanangwe go ka go thusa go lebana le dikgwetlho tsa go ruta le go go naya mešwa e e ntsi ya go itshoka.

Go tshela sentle

Ja sentle, o ikatise le go tshela lentswe la gago. Go nna le mekgwa e e siameng ya ka metlha jaaka go nna le mekgwa, go ja dijo tse di nang le dikotla le go ikatisa ka metlha di tla go thusa go tshela le maatla le go sireletsa boitekanelo jwa gago.

Boitekanelo jwa mogopolo le jwa maikutlo

Go ruta boitekanelo bašwa leng mo kotsing go ka go batla maikutlo. Go botlhokwa gore o nne le lefelo le le bolokeselelang koo teng o ka buang ka maikarabelo a gago ka tšosolo go le go fokotsa boima jwa mogopolo jwa seabe se o se tshamekang.

19. Tlhatlhobo

Tlhatlhobo e akaretsa mefuta e e farologaneng ya mekgwa e e dirisiwang go lekanya kgatelopele ya barutwana le go tlhaloganya mo dipalong. Ga se fela ka ga ditlhatlhobo - ke go batlisisa gore barutwana ba tlhaloganya dikgopolo le go dirisa bokgoni jwa bone sentle go le kana kang. Tlhatlhobo e e tswelelang ya barutwana ba kgato ya motheo e tlhofofatsa go lekola kgatelopele ya barutwana le dipholo tsa go ruta. E go letla go sekaseka mekgwa ya gago kgatelopele ya morutwana le go dira ditshwetso tse di tshwanetseng tsa muto ya letsatsi le letsatsi. Ditshekatsheko di tshwanetse go tsenngwa mo thulaganyong ya go ruta le go ithuta ka go dirisa mekgwa e e tshelang, e e itumedisang le e e rotloetsang go dira gore barutwana ba mme le sebe ka matlhagatlhaga.

Tlhatlhobo e akaretsa mekgwa e e farologaneng ya go lekanya kgatelopele ya barutwana le go bona gore ba tlhaloganya mo dipalong. Fa o dira ditlhatlhobo tseno ka gale di tla go thusa go bona gore barutwana ba tlhaloganya dilo jang le go di dirisa mo botshelong. Mo kgatong ya motheo, go dira ditlhatlhobo tseno nako le nako go go thusa go bona kgatelopele ya morutwana le gore o kgone go ba ruta sentle. Seno se tla go thusa go sekaseka mekgwa e o e dirisang ya go ruta le go bona kgatelopele ya morutwana, mme se tla go thusa go dira ditshwetso tsa ka metlha e e di botlhale le tse di molemo.

19.1. Tlhatlhobo ya go ithuta

Tlhatlhobo ya go ithuta e tsenngwa mo thulaganyong ya gago ya go ruta, moo teno go tshang monate le go nna le sebe mme mekgwa e e dirisiwang e tshela barutwana go itumelela seo. E go thusa go bona gore barutwana ba tlhoko thuso e e kana kang le go go kaela gore o kgone go ba ruta ka tsela e tshwanetseng.

Ela tlhoko ka nako ya ditiro

Leba kafa barutwana ba dirang ditiro tsa bona mme o ba botse dipotso tse di ba kaelang go ba thusa.

Dumela le go Gana ka monwana wa kgonope

Dira seno morago ga thuto go bona gore barutwana ba go tlhalogantse.

Go itlhatlhuba

Barutwana ba thala sefatlhego sa roboto se se tsamaisanang le tsela e ba ikutlwang ka yone ka tiro e ba e dirileng sentle.

Go rulaganya ka bobedi ka bobedi

Barutwana ba akanya ka bobone, ba buisana le tsala ya bone, go tswa foromo bo ba tlotla le tlotla go bona gore ba tlhaloganya eng.

Begela Molekane

Barutwana ba arolelana tiro ya bona le barutwana mmogo le bona le go ba naya pegelo e e rotloetsang ka ga se ba se dirileng.

Ditiro tsa mmele otlhe

Metshameko e e monate, e e dirwang ke bana botlhe e go thusa go bona gore ba kgona go dira eng.

Dipotso tsa nako

Leba dipotso tse di nang maikutlo go rotloetsa barutwana go tlhalosa megopolo ya bona le go kgona go baya mabaka.

19.2. Go dira tlhatlhubo ba nako

Go dira tlhatlhubo fa barutwana tsweletse go dira gore barutwana ba ele tlhoko kgatelopele ya bona, le go ba thusa go tsaya maikarabelo ka se ba ithutang sona. Fa o dira go go ba thusa gore ba tlhaloganye se ba ithutang sona, mme ba tla ithuta mo go tsetsegileng le go ikitsi botoka.

19.3. Tlhatlhubo ya go ithuta

Tlhatlhubo ya go ithuta e dira gore o kgone go bona diphitlhelelo tsa morutwana mo dikgolong tse di farologaneng ka nako e e rileng, mme seo se go thusa go lekanya kgatelopele yotlhe ya bona le go go thusa go tsaya ditshwetso tse di botlhale mo go se ba se ithutang.

20. Khoutu ya palelo

KHOUTU YA PALELO	TLHALOSO YA BOKGONI	DIPERESENTE
7	Phitlhelelo ka dinaledi	80–100
6	Phitlhelelo ka matsetseleko	70–79
5	Phitlhelelo e e botlhokwa	60–69
4	Phitlhelelo ka tekano	50–59
3	Phitlhelelo e e lekanyeditsweng	40–49
2	Phitlhelelo ya motheo	30–39
1	Ga a fitlhelela	0–29

21. Leano le le Akanngwang la go Ruta:

Mophato 1

Paka 1:

Beke	Setlhogo	Bokgoni
1.	Ke kgona go dira dipaterone	C6
		R5
2.	Diroboto tsa di tlogangeng	R1
		R2, R5
3.	Sengwe le sengwe ka ga me	D2
4.	Sengwe le sengwe ka ga me	D3
5.	Photo ya me	R1
		R5
6.	Go tshela o itekanetse	C2, C3
7.	Dipaterone tsa me	C6

8	Tsamaya go fitlhela o thula sekgoreletsi	C2
		C3
9.	Rarabolola bothata ka go neela ka khoutu e e nepagetseng	C1
		C2
		C3
10.	Ntlhaole	C1
		C2

Paka 2:

Beke	Setlhopha	Bokgoni
1.	Lemoga dipaterone	C1
		C6
2.	Go aga ntlo	R5
3.	Go nna o sireletsegile mo inthaneteng	D1
		D2
		D3
		C3
4.	Go tsenya - Tsamaya - go tshisa	R1, R2
5.	Ditaelo tsa robetse	R6
		C3
6.	E bote	C2
7.	Dira mo go thusa batho	R1
		R2
8.	Latela ditemosi tsa gago	C2
9.	Go tshola mmele wa me o sireletsegile	R5
		D1
10.	A re bue	C2

Paka 3:

Beke	Setlhopha	Bokgoni
1.	Go thusa Zaza	C4
2.	Phaka	C4
3.	Diruiwa tsa mo gae	C2 R6
4.	Sekaelo sa seruiwa sa me sa fa gae	C3 R5
5.	Go nna o babalesegile	D2 R6
6.	Thusa Aiden go tlhopha se se siameng	R1, R2 D1, D6
7.	Go rarabolola khoutu	D8
8.	A re thuse Kody	C1, C2
9.	Dijo le mebala	C3, C7 R6
10.	Semela sa me	C1 C4

Paka 4:

Beke	Selogo	Bokgoni
1.	Legotelela sala ya me	C1
2.	Botlisisela ya go ya gae	C3 C4
3.	Molaetsa o a reng?	D8
4.	Dikarolo tsa roboto	C3 R3

5.	Batla ditsela tse di yang kwa mafelong a batho botlhe	C2
		C3
		R7
6.	Thusa Kody go batla phaka	C2
		C3
		C4
7.	Diroboto kwa tirong	C3
8.	Thekenoloji e e re thusang	R5
		D1
9.	Diphologolo tse di re thusang	D8
10.	Dinotshe tse dintle tse di dirang ka natla	C7

EXTRACT PAGES

EXTRACT PAGES

Paka 1 Beke 1: Ke kgona go dira dipaterone

Karolo ya thuto	Go kwala khoutu Dikhoutu		
Dintlhana go morutabana	<p>Etsisa barutwana: Fa o dira metsamao ya mmele otlhe, ema ka mokwatla wa gago o lebile barutwana fa o dira ditiro 2 le 3. Dira ditiro tse dintsi tsa dipaterone tsa mmele otlhe ka mo o ka kgonang ka teng.</p> <ul style="list-style-type: none"> Naya barutwana dipaterone tse di oketsegileng ka dibopego kgotsa dilo tse di botlhofo. Barutwana ba kgona go bua/bala dibopego go tswa molemeng go ya mojeng (fela jaaka moithuti a tla ithuta go buisa lefoko kgotsa go tswa molemeng go ya mojeng). Se ke ntlha e e botlhokwa e e fetisetsa kwa baithuting gore ba kgone go tshwara ka botlalo le go TLHOKOMANYA diteng tsa paterone. Buisa –boeletsa – feleletsa – buisa. 		
Metswedi e e atlenegisitsweng	<p>A re simolole</p> <ul style="list-style-type: none"> Buka ya Morutwana 	<p>Tiro 1</p> <ul style="list-style-type: none"> Buka ya Morutwana Ditiro tsa mmele otlhe 	<p>Tiro 2</p> <ul style="list-style-type: none"> Mogala wa disentimaritara go morutwana ka mongwe Dibaga tsa mebala e e farologaneng - dibaga di le 8 ka morutwana (mebala e le 2 e e farologaneng x 4 ya mmala o mongwe le o mongwe) - Didiriswa tse dingwe: - Mogala, ribono, wulu kgotsa naelone. - Dirisa disiki ya pampiri mme o dire diphatlha mo gare ga thobane. - Dikonopo. - Dikhurumelo tsa dibotlolo tsa mašwi mme o phunye diphatlha mo gare. - Barutwana gape ba ka tshwaya dikgetse tsa ditulo tsa bone, dihakisi mo leboteng kgotsa sengwe le sengwe.
Bokgo	<p>C6 R5</p>		
Dikgono	<p>Barutwana ba tla ithuta go:</p> <ul style="list-style-type: none"> Lemoga le go tilhalosa paterone 		
Kitso	<p>Ba tla dira seno ka go:</p> <ul style="list-style-type: none"> Latela ditaello tse di tlhamaletseng le go dira theke ya kgetsana 		

A o ne o itse?

Thekenoloji le go tokafadiwa ga thekenoloji go re bolokela nako e ntsi fa re ithuta go e dirisa sentle.

Bothata:

Zuzu o ja sentiwitšhi e e nang le dikotla kwa sekolong. E na le tuna, tamati le borotho.

Morutabana o tlhalosa gore sengwe le sengwe se se mo dijong tsa gagwe tsa motsheg e nne fetotswe go dira kuno.

Setshwantsho 1: Zuzu o akanya ka tsela e korong e golang ka yone. O bolela go tselela seno se gola ka tsela e e rileng gore se kgone go ntsha korong.

Setshwantsho 2: Zuzu o akanyetsa go roba. A re molemi o roba korong e mo ditshegisa kwa mmarakeng.

Setshwantsho 3: Zuzu o ipotsa gore go dirwa senkgwe jang. O bolela go mobaki wa senkgwe o dira korong gore e nne senkgwe.

A re simolole

Simolola thuto ka go bua ka botlhokwa jwa go nna le ditaelo tse di tla go thusang go wetsa tiro nngwe.

- Bolelela barutwana go leba ditshegisa tsa seno mo Bukeng ya Morutwana.
- Tlhalosetsa barutwana ga ditaelo tse di re bolelela se re tshwanetseng go se dira.
- Ba bolelele gore ba tla nna ba tla nna ditaelo tsa go isa dikumo tsa mašwi go tswa kwa dipolaseng go ya kwa madirelong.
- Sekaseka dikgato tseeno ka barutwana. Fa go tlhokega, o ka tsenya tseno mo botong.

Kgato ya ntlha: Tselela seno se setlhogo.

Botsa barutwana gore ba akanya gore setlhogo e tshwantse go nna eng, Ke eng se re batlang go kwala ditaelo tse tse tse?

Seno o tselela seno se go isa mašwi go tswa kwa polaseng go ya kwa madirelong

Kgato ya bobedi: Tlhalosa kgato nngwe le nngwe ya thulaganyo.

Bolelela barutwana gore ba lebe ditshwantsho tse di bontshang thulaganyo ya go gama. Ba kope gore ba tlhalose se ba bonang se direga mo kगतong nngwe le nngwe ya tse nne. Letla ba ba ithutang ba go kaele; o se ka wa ba naya dikarabo.

Legato 1: Dikgomo di fula mo tshimong

Legato 2: Dikgomo di a gamiwa mo lesakeng.

Legato 3: Mašwi a pompelwa mo tankeng e e tsidifatsang.

Legato 4: Mašwi a tsenngwa mo tankeng e e tsidifatsang gore a isiwe kwa madirelong a mašwi.

Kgato ya boraro: Kwala ditaelo tse dikhutshwane le tse di utlwalang sentle o bo o di beye ka dinomoro.

Kopa barutwana go akanya ka diilhopho tsa ditaelo tse ba batlang go di kwala. Letla barutwana ba go kaele fa o nse o kwala ditaelo mo botong. Barutwana ba ka nna ba akanya ka dikatle tsa nne tse di ka tswang di tlhela mo go se go bolelwang ka sona mo Bukeng ya Morutwana.

Gatelela gore ditaelo di tshwanetse go nna tse di tlhamaletseng le tse di utlwalang sentle.

Tsela ya go isa mašwi go tswa kwa polaseng go ya kwa madirelong

1. Tlisa kgomo go tswa kwa masimong
2. Isa kgomo kwa bogamelong.
3. Golaganya motšhine wa go gama le motlhapo wa kgomo.
4. Gama kgomo.
5. Pompela mašwi a a tswang mo motšhineng wa mašwi mo tankeng e e tsidifatsang.
6. Pompa mašwi go tswa mo tankeng e e tsidifatsang go ya mo tankeng ya tshipi.
7. Tanka ya tshipi e isa mašwi kwa madirelong a mašwi.

Tiro 1



Kaelo ya thuto e e dirisa dipaterone

1. Leba dipaterone tse di tswang mo bukeng ya gago.
 - a. Kopa barutwana go opa diatla gabedi, gangwe, gabedi, gangwe, gabedi, gangwe.
 - b. A o kgona go bona paterone?
 - c. A o kgona go utlwa paterone?
2. Kopa barutwana go kopolola metsamao ya letsogo la roboto.
3. Kopa barutwana go latela metswi ka go tsamaisa diilhogo tsa bone. Moja, godimo, molema, tlase – boeletsa makgetlo a mabedi gape.
 - a. A o kgona go bona paterone?
4. Batla **tatelano**.
 - a. Kopa barutwana go leba dipaterone mo dibukeng tsa bone.
 - b. Kopolola paterone mo bukeng ya gago.
 - c. Jaanong leba dibopego.

Dipotso go botsa:

- A ke paterone?
- Goreng o re jalo?

Ditiro tse dingwe tse di akantshiwang

- Ka bobedi ka bobedi, kopa barutwana go itirela dipaterone tsa bona ba dirisa mebele ya bona go tlhalosa paterone.
- Ba fe nako e e lekaneng go akanya ka paterone.
- Kopa bobedi ka bobedi go bontsha tlelase paterone ya bone.
- Ba bangwe mo tlelaseng ba kopolola paterone ya bone.

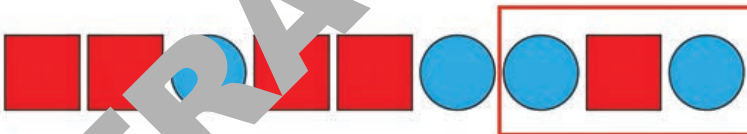
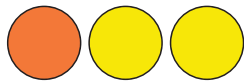
Barutwana ba ba gatetseng pele:

Barutwana bano ba tla kgona go wetsa ditiro tseno botlhofo. Kopa barutwana ba bangwe ba thuse ba bangwe ba ba nang le bothata jwa go **sa itse gore ba di tseeng**.

Barutwana ba ba nang le mathata: Fa o dira tiro ya setlhopho go akanya bobedi, kopanya baiithuti le ba bangwe ba ba tlhaloganyang botoka dikgopolo tsa di rutlwang.

Letlelela gore balekane ba rutane fa ba ntse ba dira ditiro tse dingwe.

Bofa mogala o mohibidu mo letsogong la bone la moja le moja o re, **"khibidu. k go khibidu. Moja. M go Moja"**. Ba bolelele gore moja o moja mo letsogong la moja, ka jalo seo ke moja.



Tiro 2

Kaedi ya thuto: Thusa Tumi go direla kgetsana ya gagwe theke

1. Simolola thuto ka go naya barutwana bothata.
2. Latela ditiro le barutwana mo phaposing ya borutelo.
3. Morutwana mongwe le mongwe o tshwanetse go nna le sebaka se se leka leka ka kgonang go suthisa dibaga tsa gagwe teng le go itirela theke ya kgonang ya gagwe ka boiketlo.
4. Lotlhe mo phaposiborutelong, supang le go sekaseka dipaterone ka go dirisa mebala e 2 e e farologaneng. Ba ka simolola ka go dirisa dilo tse di tshwanetseng, morutwana, kgotsa dithalo. Sekao, botala jwa loapi—botala jwa tlhaga, botala jwa loapi, botala jwa tlhaga, botala jwa loapi—botala jwa tlhaga.
5. **Dithlopha:** Rulaganya barutwana ka dithlopha tsa 6–8.

Sejana sa dibaga: Baya sejana sa polasetiki se na le dibaga tsa mebala e e farologaneng mo gare ga tafole nngwe le nngwe.

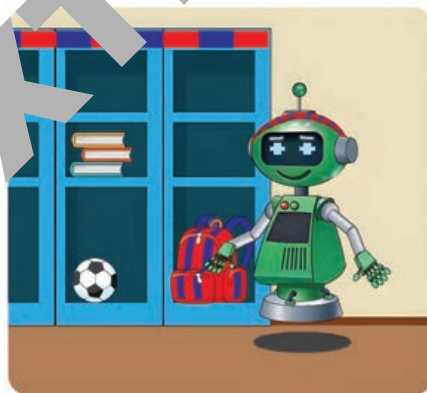
Tlhopho: Barutwana ba tlhopho dibaga tsa mebala e e mebedi go tswa mo sejaneng.

Phasalatso ya dibaga:

- Mo seatleng se le sengwe, morutwana o tsaya dibaga di le 4 tsa mmala o o tshwanang.
- Mo seatleng se sengwe, morutwana o tsaya dibaga di le 4 tsa mmala o o tshwanang.
- **Rotloetsa go nna bowena ka nesi:** Rotloetsa barutwana go tlhopho mebala e e farologaneng le ya tsala ya bone e e bapileng le bona.
- **Thusa:** Thusa barutwana ka thulaganyo ya go ithuta o sa ba fe dikarabo.
- Letla barutwana go nna le dipaterone le ba bangwe fa ba ntse ba tswetse ka thulaganyo eno.

Dipotso tse o tshwanetseng go di botsa:

- Taelo e ne e e e? Ke eng se o tshwanetseng go se dira?
- Ke mebala e e tshwanetseng?
- Ke ka bakeng o tlhophile mebala e 2 eo?



Ditiro tse dingwe tse di akantshiwang

- Thusa barutwana go kgomaretsa ditheke tsa bone mo dikgetsaneng tsa bone tsa sekolo.
- Rotloetsa barutwana go supa ditheke tsa ditsala tsa bone le go nna le seabe mo dipuisanong.
- Barutwana ba tshwanetse go kgona go supa dipaterone tse pedi tsa barutwana ka lentsewe le le kwa godimo.
- Barutwana ba dirisa dibopego (e ka nna ya nna dibopego tse di kgaotsweng) ka kopolola le go oketsa paterone mo lenaaneng la bone ka go latelana le dibopego ka tatelano e e siameng.

Mekgwa ya go thusa

Barutwana ba ba tlhaloganyang kgopolo ka bonako: Kopa barutwana go itirela dibopego tsa bone ka bobone ba dirisa dibaga kgotsa dilo tse dingwe. E ka dirisa mebala e e fetang e le 2. Ka tsela eno ba ka kgona go itirela kgwetlho ka go dirisa dibopego tse di raraaneng thata.

Barutwana ba ba nang le mathata a go tlhaloganya kgopolo:

Tsamaya mo phaposiburutelong go bona gore ba barutwana bafe ba ba nang le bothata jwa go lemoga mebala le/kgotsa go bala dibaga.

Tsaya barutwana bano o sa ba felele mo mme o nne le bone mo mmetsheng mme o dire tiro le bone ka iketlo.

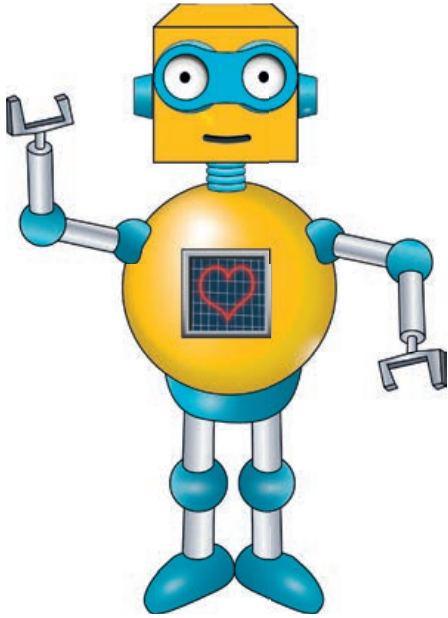
Barutwana ba bangwe ba tla tswelela ka tsaya setlhopha.

Paka 1 Beke 2: Diroboto tse di farologaneng

Karolo ya thuto	Go kwala khoutu		
Dintlhana go morutabana	<p>Leele: A go na le mongwe mo lelapeng la gaeno yo a dirang kwa madirelong kgotsa kwa mafelong a polokelo? Ba botse gore diroboto tse ba di dirisang di dira tiro ya mmofuta mang.</p> <p>KGOTSA</p> <p>Batla mongwe a dirang kwa madirelong kgotsa kwa mafelong a polokelo. Mo botse gore diroboto tse a di dirisang di dira tiro ya mmofuta mang.</p> <p>Bega mo thutong ya rona e e latelang</p>		
Metswedi e e atlenegisitsweng	A re simolole - Buka ya Morutwana	Tiro 1 - Buka ya Morutwana - Bukatiro Didirisiwa tse dingwe - Dimakasine - batla ditshwanelo tsa diroboto - Ditshepo tsa leshone - leshone motšhine wa go shepafatsa, sejanagare se se rwalang morwalo, sesokasekurufu, boro	Tiro 2 - Buka ya Morutwana - Dikhoayone/ - Dihensele - mebala - Bukatiro/A4 pampiri
Bokgoni	R1, R2, R5		
Dikgono	Barutwana ba tla ithuta: <ul style="list-style-type: none"> • Go lemoga gore diroboto tsotlhe di farologane e bile di na le maikaelelo a rona. • Go tlhalela na fao di farologanang ka teng. • Go itirela roboto ya bone. 		
Kitso	Barutwana seno ka: <ul style="list-style-type: none"> • Go tlhalosa gore roboto ke eng ka mafoko a a botlhofo. • Go itirela roboto ya bone. 		

A o ne o itse?

Barutwana ba tshela mo lefatsheng le mo go lone diroboto di dirisiwang thata mme ba tlhoka go tlhaloganya dipharologano tsa tsone.



A re simon...

Roboto ke eng?

- Tlhagisa gore jubele e eng ka go bolelela barutwana go leba ditshwantsho mo bukeng ya morutwana.
- Tlhalela gore roboto ke motšhine o o dirang dilo ka boona.

Tiro 1



Kaedi ya tiro

1. Kgaoganya barutwana ka ditlhophha tsa 6–8.
2. Kopa ditlhophha go leba ditshwantsho tsa diroboto tse di farologaneng mo Betsi ya Morutwana.
3. **Dintlha tse go ka tlotliwang ka tsone**
 - a. Roboto e e phepafatsang e phepafatsa boalo le khapete mo ntlon. Pele ga re nna le diroboto, re ne re dirisa mafeelo le metšhini e e tlwaelegileng ya go phepafatsa yona e ne e kgamedywa ke batho.
 - b. Roboto ya mafelo a polokelo e tsholetsa le go sutisa mabotsoa mo dišelofong gore e a romelele bareki. Pele ga re nna le diroboto, re ne re tshwanelwa ke go dirisa mesifa ya mebele ya rona kgotsa dijanaga tse di rwalang diroboto.
 - c. Diroboto tsa kwa madirelong di dira dikoloi. Pele ga re nna le diroboto, batho ba ne ba tlwaetse go kokoanya dikoloi ka diatla tsa bone le go dirisiwa tse di tshwarwang ka seatla tse di jaaka diboro le disokasekano. Meropele di thusa go tlhatlhoba tiro ya go aga. Pele ga go nna le diroboto, batho ba ne ba tshwanelwa ke go palama go ya go leba kwa tlase fa go agiwa kaotsa go nna ditshwantsho ba le mo sefofaneng sa lefetho.

Dipotso tse o tshwanetseng go di arabela

- Roboto nngwe le nngwe e dira tiro efe?
- Roboto nngwe le nngwe e thusa batho jang?
- Batho ba ne ba dira tiro eang pele ga go nna le diroboto?



Ditiro tse dingwe tse di akantshiwang

Go bua ka motsamao wa roboto

- Kgaoganyana barutwana ka ditlhophha.
- Ba kope gore ba tlotle ka gore roboto nngwe le nngwe e tsamaya jang.
 - a. Roboto e e phepafatsang e na le maotwana a a e thusang go tsamaya. E na le karolo e e ka fa tlase e e monyang leswe. E na le disensara mo matlhakoreng go e kaone go fetola tsela fa e thulana le sengwe.
 - b. Roboto e e dirisiwang mo mafelong a polokeloo e na le letsogo le le kgonang go ya kwa godimo le kwa tlase le kwa morago le kwa pele. E na le seathitse se se kgonang go tsaya lebokoso le go le fudusa go tswa mo lefelong le lengwe go tswa mo le lengwe.
 - c. Diroboto tsa madirelo di na le matsogo a a kgonang go ya kwa godimo le kwa tlase le go ya kwa pele le kwa morago. Di na le didirisiwa tse di tswang monyang dikarolo tse di farologaneng tsa koloji.
 - d. Teroune e na le diphuka tse di dirang gore e kgone go fofa go tswa kwa godimo le kwa tlase, e ya kwa pele, e ya kwa morago le go ya kwa matlhakoreng ka lobelo lo lo farologaneng. E na le khamera ya bidio ka fa tlase gore e kgone go tsaya ditshwantsho tsa se se leng ka fa tlase ga tse. Motšhine yo o laolang teroune o na le sekirini se mo go sone a kgonang go bona e e bonwang ke teroune.

Mekgwa ya go thusa

Barutwana ba ba tlhaloganyang kgonang ka bonako:

Barutwana ba ka thala le go tshwaya e nngwe ya diroboto mo ditshwantshong mo Tiro 1 mo Bukeng ya Morutwana tse.

Barutwana ba ba nang le mmatota o o tlhaloganya kgopolo:

- Dirisa setshwantsho (kaotsa e e sa mmatota) go bontsha motho yo o phepafatsang fatshe ka lefeelo. Se se tse mo sa botshelo jwa mmatota se barutwana ba tshwanetseng go se itse.
- Go tswa fofa go tswa setshwantsho (kana selo sa mmatota) go bontsha motšhine o o phepafatsang go tswa legegileng o o dirang tiro e e tshwanang.
- Go tswa fofa go tswa setshwantsho sa roboto e e phepafatsang e e dirang tiro e e tshwanang. Se se bontsha ka fao roboto e thusang batho ka teng go dira tiro.
- Ka se se tse mo barutwana ba tla tlhaloganya maitlhomo a roboto e nngwe le e nngwe le ka fao e thusang batho ka teng.

Roboto le le ntšhwa: roboto

Roboto ke motšhine o o dirilweng ke batho o o kgonang go tsamaya e bile o kgona go dirwa dithulaganyo tsa go dira dilo tse di farologaneng. E na le khomphiuta le dikarolo tsa go e thusa go tsamaya le disensara go e thusa go dira ditiro tsa yone.

Tiro 2

Kaelo ya tiro

- Leba ditshwantsho tse tharo.
 - Kopa barutwana go tlhalosa bothata jo ba bo bonang mo setshwantshong sa sengwe le se sengwe.
 - a. Mo mafelong mangwe, batho ba tshwanelwa ke go gelela metsi mo bokeng ba dikgamelo tse di bokete.
 - b. Go na le dijana tse dintsi tse di leswe mo teng ga sinki.
 - c. Go tletse dikgetse tsa ditlakala tse di tletseng go fetelela mo mabilong.
 - Kgaoganya barutwana ka bobedi ka bobedi. Kopa bobedi go e bapisa phe nngwe ya mathata a a mo ditshwantshong mme ba akanye ka mofuta wa roboto e e ka ba thusang go rarabolola bothata joo.
1. Kopa bobedi ka bobedi go thala roboto e e ka thusang go rarabolola bothata.



Dipotsiso botsu

- Roboto ya gago e tla dira eng go rarabolola bothata jono? Roboto e tla tlhoka dikarolo dife gore e kgone go dira tiro eo? Roboto ya gago e tla lebega jang?
- 2. Kopa bobedi ka bobedi go thala roboto ya bone mo tsebeng e e feletseng mo dibukeng ya bone tsa tiro.
- 3. Kopa ditlhopho di le tharo gore di kopane go dira ditlhopho tsa barutwana ba le barataro. Bobedi bongwe le bongwe bo itsise setlhopho ka roboto ya jone. Tshedimosetso e tshwanetse go akaretsa:
 - Bothata jo ba tlhophileng go bo rarabolola.
 - Setshwantsho sa roboto ya bone.
 - Ka fa roboto ya bone e rarabololang bothata ka teng.

Ditiro tse dingwe tse di akantshiwang

- Kopa phaposi yotlhe go bapisa diroboto. Di tshwana jang? Di farologana jang?

Mekgwa ya go thusa

Barutwana ba ba tihaloganyang kgopolo ka bonako:

- Kopanya barutwana ba ba gatetseng kwa pele gore ba dire roboto.
- Ba kope gore ba dire roboto e e ka rarabololang mathata a mabedi a a mo ditshwantshong tseno.
- Fa ba thala diroboto tsa bone mo dibukeng tsa bone tsa tiro, ba ka kgona go thusa waya dithalo tsa bona.

Barutwana ba ba nang le mathata go tihaloganya kgopolo:

- Letla barutwana ba ba nang le bothata gore ba ithute o sa ba siani.
- Fa o akanya ka diroboto, ka metlha simolola ka bothata jo di thusang go rarabolola mme o bo o leba ka fa roboto e thusang batho ka teng go rarabolola bothata joo. Sekao:
 - Simolola ka bothata jwa diaparo tse di leswe.
 - Bothata jono bo ka rarabololwa ka go tlhatswa diaparo ka motšhini o o di pega mo mogaleng kwa ntle gore di ome.
 - Seno se ka rarabololwa gape ka go dirisa motšhini o o tlhatswang le o o omisang diaparo.
 - Roboto e ka dirwa gore e tsenye, e dire le go nna mo motšhining o o tlhatswang diaparo mme morago ga moo e tsenye, e dire le go ntsha mo motšhining o o omisang diaparo. Roboto eno gape e ka rulaganngwa e e mene diaparo fa di sena go tlhatswiwa le go omisiwa.

EXTRACT PAGES

Paka 1 Beke 3: Sengwe le sengwe ka ga me

Karolo ya thuto		Dikgopolo tsa dijithale Go kwala khoutu	
Dintlhana go morutabana	Leele: Tsenya melawana e mengwe le e mengwe e mentšhwa e e theilweng mo ditshwantshong mo lenaaneng la Melawana ya Phaposiborutelo.		
Metswedi e e atlenegisitsweng	A re simolole - Buka ya Morutwana	Tiro 1 - Buka ya Morutwana	Tiro 2 - Buka ya Morutwana - Dibukatiro - Didirisiwa tsa thala
Bokgoni	D2 C1		
Dikgono	Barutwana ba tla ithuta go: <ul style="list-style-type: none"> Tlhopha tiro e e siameng. Lemoga maitsholo a a siameng. Lemoga mefuta e e farologaneng ya tshedimose ya bone. 		
Kitso	Ba tla dira seno ka go: <ul style="list-style-type: none"> Go supa maitsholo a a siameng mo go a a siameng. Go dira karata ya boitshupo ka tshedimose ya bone. 		

A o ne o itse?

Barutwana ba ba rwalang maikarabelo ka ditshwetso tse di tshwanetse go ithuta go tsaya maikarabelo a ditshwetso tse ba di dirang.

Bothata

Ke tshwanetse go itshwarang maikarabelo sa sedirisiwa sa dijithale?

A re simolole

- Kopa buka ya morutwana go leba ditshwantsho mo bukeng ya morutwana
- Go swa fona tshwanetse go lemoga maitshwaro a a amogelesegang kgotsa a a sa amogelesegang mo phaposiborutelong.
 - Fone maitshwaro a a amogelesegang, bontsha kgononope kwa godimo 👍👍.
 - Fone le maitshwaro a a sa siamang, bontsha kgononope kwa tlase 👎👎.
- 👍👍 Maitshwaro a a amogelesega 👍👍: go phepafatsa tafole, go tsholetsa dibuka tsa morutabana, go latlhela pampiri mo matlakaleng, go fereselela mo phaposiborutelong, go dira ka tidimalo, go bua sentle le ba bangwe, go nna pelonomi.
- 👎👎👎👎 Maitshwaro a a amogelesegang 👎👎👎👎: go lwa, go latlhela pampiri mo fatshe, go gagola buka, go tshagisa ka yo mongwe, go kgarametsa mongwe, go bua fa mongwe a nse a bua.

Tiro 1



Kaedi ya tiro

1. Kgaoganya barutwana ka bobedi ka bobedi. Kopa bobedi ka bobedi go leba ditshwantsho tse nne mo bukeng ya morutwana.

Dipotso tse di tshwanetseng go bua:

- Ke eng se o se bonang mo setshwantshong se sengwe le se sengwe?
 - A ke maitshwaro a a amogelesegang kgotsa a a sa amogelesegang?
2. Kopa bobedi ka bobedi gore ba neye phaposiborutelo dikarabo tsa dipotso tse di malebana le setshwantsho se sengwe le se sengwe.
3. Netefatsa gore barutwana ba tlhalosa setshwantsho se sengwe le se sengwe ka botlalo le go ntsha maikutlo a bona ka ga gore a maitsholo a amogelesega kgotsa ga a amogelesege.
4. Kopa barutwana go naya phaposiborutelo kakanyo ya morutwana botse:
- A lona lotlhe lo na le melao e e tshwanang mo tshwantshong e didirisiwa tsa dijithale kwa gae?
 - O akanya eng ka melao e e mo magaeng a tshwantsho?

**Dipotso tse o tshwanetseng go di dira:**

- Re tshwanetse go itshwara jang fa re fetsa nako le ba lelapa le ditsala?

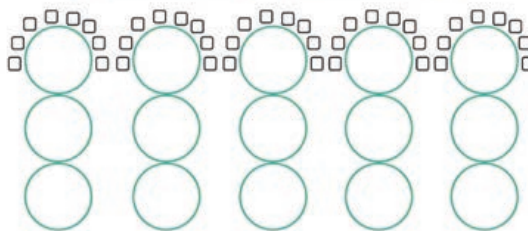
Ditiro tse dingwe tse di akantshiwang

Go tshameka karolo ya boitshwaro

- Kgaoganya barutwana ka ditlhopha tsa batho ba le bane. Naya setlhopha se sengwe le se sengwe setshwantsho se le sengwe go tswa mo Tirong 1.
- Kopa ditlhopha gore di dire motshameko wa go tshameka karolo ya boitshwaro jo bo mo setshwantshong sa bone. Ba neye nako ya go ikatisa.
- Kopa ditlhopha gore di direle barutwana metshameko ya go tshameka karolo ya boitshwaro.
- Morago ga tiragatso e nngwe le e nngwe tlotlang ka maitshwaro le phaposiborutelo.

Boitshwaro Hulahupu Tlola

- Tsaya barutwana, di-hulahupu, ditshwantsho tsa maitshwaro a a amogelesengang le jo bo sa amogelesengang, Prestik le diboto tse pedi kwa ntle kwa maitshwaro a a amogelesengang le le bulegileng.
- Rulaganya disete di le tlhano tsa di-hula hupu tse tharo jaaka go hlophisa tse fa tlase. Baya ditshwantsho di le robedi tsa maitshwaro a a amogelesengang o di rulaganye go dikologa kgolokwe ya bofelo mo setlhopheng se sengwe le sengwe (tse nne tsa maitshwaro a a amogelesengang le tse nne tsa maitshwaro a a sa amogelesengang).
- Kgaoganya barutwana ka ditlhopha di le tlhano. Kopa ditlhopha gore di tlhomagane fa pele ga di-hulahupu tsa tsone tsa ntlha.
 - Morutwana wa ntlha mo setlhopheng sengwe le sengwe o tlolela mo go e nngwe le e nngwe ya di-hulahupu di le tharo.
 - Mo hulahupung ya bofelo, morutwana o tlhopha se sengwe sa ditshwantsho tse di rulagantsweng.
 - Ba e retolosa ba bo ba e tshisa setlhopha sa bone fa ba ntse ba tlhalosa maitshwaro.
 - Setlhopha se swetsa go tsa ke maitshwaro a a amogelesengang kgotsa a a sa amogelesengang.
 - Morutwana o tlolela setshwantsho mo botong e e nepagetseng.
 - Morutwana yo o tlolela go boeletsa dikgato tseno go fitlha ditshwantsho tsoitlhe tsa maitshwaro le mo dibotong.
- Leba ditshwantsho tse di mo dibotong. Netefatsa gore tsoitlhe di mo botong e e siameng.
- Botsa barutwana gore a ditshwantsho tseno di ba gopoditse melao e mengwe gape e ba hlophang go tseka mo lenaaneng la Melawana ya Phaposiborutelo le Melawana ya Lentsi la Dijithale. Tsenya melao e mengwe le e mengwe fela mo lenaaneng le lengwe le le lengwe.



Mekgwa ya go thusa

Bona ditiro tse dingwe tse di akantshiwang

Tiro 2



Kaedi ya thuto

1. Botsa barutwana gore ba akanya gore tshedimosetso ya botho ke eng.
2. Kwala dikarabo tse dingwe le tse dingwe tse di siameng mo pampiring e kae kgotsa mo botong mo setlhogong se se reng Tshedimosetso ya Botho.
3. Botsa barutwana gore a ba itse gore karata ya lekwaloitshupo (ID) ke eng. Nerefatsa gore ba tlhloganya gore ID ke tsela e khutshwane ya go tlhalosa gore mo ke mang le gore karata ya ID e na le lenaane la tshedimosetso ya motho ka nna.
4. Kgaoganya barutwana ka bobedi ka bobedi. Kopa bobedi go bala ditshepo tse pedi tsa dikarata tsa boitshupo mo bukeng ya morutwana. Ba bane tshedimosetso ya botho e e mo karateng e nngwe le e nngwe.
 - Ba kope gore ba go bolelele gore ke ka ntlha ya eng fa motshwane mo sa motho yoo se le mo karateng ya gagwe ya ID.
 - Kopa bobedi go bega ka dipuisano tsa bona.
5. Bala melao e e ka fa tlase ga dikarata tsa ID tse bobedi gore ba tlotle ka dipotso tseno:
 - Ke ka ntlha ya eng fa o sa tshwanele go bolelela batho ba o sa ba itseng gore o nna kae kgotsa gore o tsena sekolo?
 - Ke ka ntlha ya eng fa o tshwanele go boloka tshedimosetso ya gago ya botho e le sephiri?
 - O ka dira seo jang letsamele letsamele, mo lefatsheng la mmatota le mo go la inthanete mo lefatsheng la didirisivatsa thale?

Kopa ditlhopha tsa bona ka bobedi go bega ka dipuisano tsa bone. Botsa gore a ba batla go tsenya melao e nngwe mo manaaneng a bona.
6. Kopa barutwana go kopa mogolo mongwe kwa gae go ba bontsha karata ya bona ya ID.

Ditiro tse dingwe tse di akantshiwang

Go tshameka karolo ya lefatshe la mmatota

- Kgaoganya barutwana ka bobedi ka bobedi.
- Beela bobedi bongwe le bongwe seemo se se malebana le pabalesego ya botho mo lefatsheng la mmatota (motho yo o sa mo itseng o tla kwa go wena kwa lebenkeleng a go botsa gore leina la gago ke mang, o na le dingwaga di le kae le gore o nna kae).
- Morutwana yo mongwe o tla tshameka karolo ya motho yo o sa mo itseng mme yo mongwe ene o tla tshameka karolo ya ngwana.
- Kopa ditlhopha tseno tse pedi go tshameka karolo ya tsone mo phaposiburutelong. Morago ga motshameko mongwe le mongwe, botsa barutwana gore a morutwana yo a tshamekang karolo ya ngwana o kgonne go sireletsa tshedimosetso ya gagwe kgotsa nnyaa.

Go tshameka karolo ya lefatshe la dijithale

- Naya bobedi bongwe le bongwe seemo ka ga pabalesego ya motho mo lefatsheng la dijithale (Motho yo o sa mo itseng mo inthanete o go raya a re o batla go ya go ja 'bebetsididi le wena, ka jalo o go kopa aterese ya gago gore a tle go go tsaya ka sejanaga sa gagwe.)
- Morutwana yo mongwe o tla tshameka karolo ya motho yo o sa mo itseng mo go mongwe ene o tla tshameka karolo ya ngwana.
- Kopa barutwana go diragatsa dikarolo tsa go tshameka fa pele ga barutwana mo go ga tiragatso nngwe le nngwe, botsa barutwana gore a morutwana yo tshameka go tshameka karolo ya ngwana o kgonne go sireletsa kgotsa nnyaa.

Mekgwa ya go thusa

Bona ditiro tse dingwe tse di akantshiwang.

EXTRACT PAGES

Paka 1 Beke 4: Go tshela mo lefatsheng la dijithale

Karolo ya thuto	Dikgopolo tsa dijithale Go kwala khoutu		
Dintlhana go morutabana	<p>Naya barutwana nako go nagana pele ga ba ka araba.</p> <p>Dikarabo di tla bontsha gore ke mang yo o tlhaloganyang le gore ke mang yo o sa ntseng a tlhoka go okelediwa nako le go ikatisa ka ditiro tse dingwe.</p>		
Metswedi e e atlenegisitsweng	<p>A re simolole</p> <ul style="list-style-type: none"> - Buka ya Morutwana 	<p>Tiro 1</p> <ul style="list-style-type: none"> - Buka ya Morutwana - Disiki di le 5 tse di botala jwa tlhaga. Barutwana ba ka supa didirisiwa tsa dijithale le go di kwala mo dibukeng tsa bone. - Bukatiro - Tlaleletso (ga e patelediwe): Dikarabo di le 12, ditshwarano di le 6 tse didirisiwa tsa dijithale le ditshwarano di le 6 tse tseng tsa dijithale - Diboto di le pedi kgotsa mathwana a magolo a pampiri - Prestik - Mmino 	<p>Tiro 2</p> <ul style="list-style-type: none"> - Buka ya Morutwana - Bukatiro - Ditsheantsiso tsa dijithale tsa dijithale - Dikarabo tse dikhelelwe tse tshensele - Metswedi e e atlenegisitsweng (ga e patelediwe) - Khateboto - Sekgomaretsi - Sekere
Bokgoni	D2		
Dikgono	<p>Barutwana ba ka:</p> <ul style="list-style-type: none"> • Go tshela go dirisiwa tsa khomphiuta. • Go tshela tsela e didirisiwa tsa khomphiuta di dirisiwang ka yone. 		
Kitso	<p>Barutwana ba ka:</p> <ul style="list-style-type: none"> • Go tshela go dirisiwa tsa khomphiuta. • Go tshela le go tshalosa didirisiwa tsa khomphiuta tse ba di itseng. • Go bua ka tsela e didirisiwa tsa khomphiuta di dirisiwang ka yone. 		

A o ne o itse?

Maoso wa ntlha wa khomphiuta o ne wa betliwa ka legong.

Imeile ya ntlha e ne ya romelwa ka 1971.

Sedirisiwa sa khomphiuta se kgona go boloka, tsamaisa le go phasalatsa tshedimosetso. E kgona go dira dipalelo tse di bokete, sekao, segatisi, mogala wa letheka, thebolete, lepethopo, didirisiwa tsa metshameko ya khomphiuta, mogala wa seatla wa thekenoloji e e kwa godimo.

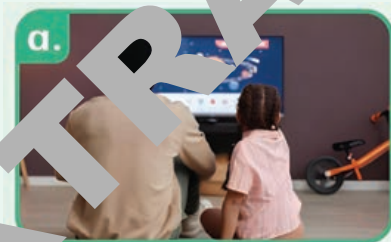
Bothata

Binkie, e leng roboto e e botala jwa legodimo, o leka go batla didirisiwa tsa khomphiuta tse di latlhegileng a bo a di tsenya mo teng ga khaboto. O tlhoka thuso gore a tse di

Didirisiwa tsotlhe di nyeletse. Ke kopa gore o nthuse go batlana le tsona.

A re simolole

- Simolola thuto ka go bua ka didirisiwa tsa dikhomphiuta mo lefatsheng la nnete.
- Kopa barutwana go leba ditshwantsho tsa dibukeng tsa bone mme ba bue ka se ba se bonang.
- Leba ditshwantsho.
- Didirisiwa tseno di dirisiwa jang?
- Didirisiwa tseno di dirisiwa jang mo lefatsheng la gago?



Tiro 1



Kaedi ya tiro

- Kopa barutwana go leba setshwantsho sa Binkie mo Bukeng ya Morutwana.
- Ba tlhalosetse gore ba tlhoka go thusa Binkie go batla didirisiwa tsotlhe tsa dijithale tse di timetseng le go di baya mo teng ga khabote.
- Kgaoganya baiithuti ka ditlhophha. Naya setlhophha sengwe le sengwe di tsi di le the tiro tse di botla jwa tlhaga. Kopa barutwana gore ba tlhalose didirisiwa tsa dijithale.

Dipotso tse o tshwanetseng go di botsa:

1. Ke ka ntlha ya eng fa o ne wa tlhophha tse o di dirileng?
2. O bone didirisiwa di le kae?

Ditiro tse dingwe tse di akantshiwang

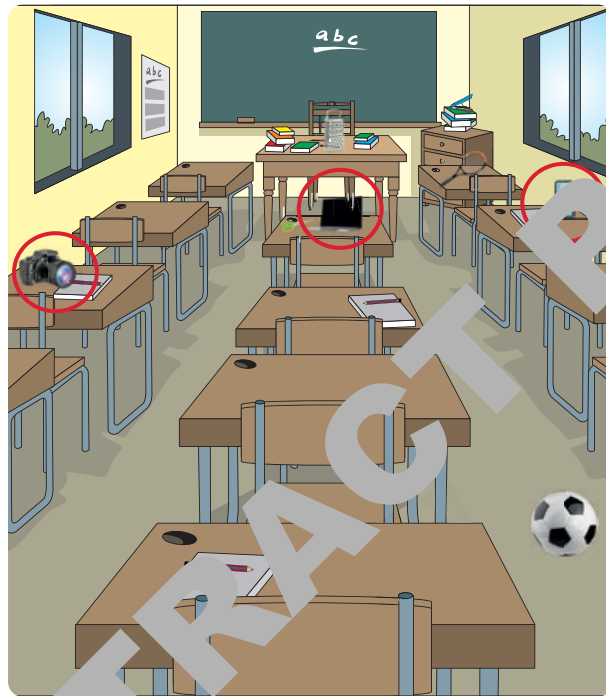
Ditulo tsa mmimo tsa didirisiwa tsa dijithale

- Mo lefelong le legolo le le bulegileng, baya ditulo tse 12 mo meleng e le mebedi ya ditulo di le tlhano di kgomana ka mekhatla nna ditulo di lebile kwa ntle.
- Mo ntlheng nngwe le nngwe ya ditulo tse lesome tse di lebaneng ka mekwatla, baya setulo se sengwe se setulo lesone se lebileng kwa ntle. Mo setulong sengwe le sengwe sa dijithale 12, baya setshwantsho sa sedirisiwa sa dijithale le se e seng sa dijithale le lebile kwa tlase.
- Mo tlhalosetse gore fa mmimo o tsameka, batshameki ba tshwanetse go dikologa ditulo. Fa mmimo o sena go knutla, batshameki ba tshwanetse go batla setulo mme ba nne fa fela. Ke metlha go tla bo go na le setulo se le sengwe se se tlhaelang palo ya batshameki mme ka jalo motshameki a le mongwe ga a kitla a nna le setulo.
- Morutwana yo o sa bonang setulo o tshwanetse go flosa se sengwe sa ditulo tseo mme a bontsha barutwana setshwantsho se se neng se le mo go sone.
- Barutwana ba tshwanetse go tlhalosa gore setshwantsho seo ke eng le gore ke ka ntlha ya eng sa e le sa dijithale kgotsa e se sa dijithale. Morutwana o tshwanetse go kgomaretsa setshwantsho mo botong e e tshwanetseng. Morutwana yoo o tla bo a sa tlhole a le mo motshamekong.
- Tlhophha barutwana ba le lesome le boraro.
- Tsameka motshameko go fitlhela go na le setulo se le sengwe fela le batshameki ba le babedi.
- Morutwana yo o sa bonang setulo, o bontsha setshwantsho sa bofelo le go se kgomaretsa mo botong e e tshwanetseng. Motho wa bofelo go bona setulo ke ena mofenyi.

Mekgwa ya go thusa

- Bona ditiro tse dingwe tse di akantshiwang.
- Kgaoganya barutwana ka ditlhopha. Naya setlhopha se sengwe le se sengwe dipampitshana tsa papatso tse di nang le didirisiwa tsa dijithale, dikere le sekgomaretsi.

Kopa ditlhopha tseno gore di tlhalose didirisiwa tse tharo tse di farologaneng tsa dijithale mo dipapatsong, ba di kgaole mme ba di kgomaretse mo dibukeng tsa tsone ya tse. Setlhopha se sengwe le se sengwe se tla tlhophisa setshwantsho se le sengwe mo bukeng tsa bone tsa tiro se bo se tlhalosetsa barutwana gore ke ka ntlha ya ena se se tshwana sa dijithale.



Tiro 2



Kaedi ya tiro

- Bontsha tlelase sekao sa sedirisiwa sa dijithale se se jaaka mogala wa letheka. Dirisa sedirisiwa se o se dirisang gantsi.
- Thala bokwantle jwa sedirisiwa sa gago mo botong.
- Kopa baiithuti go leba setshwantsho sa mofuta wa sedirisiwa sa dijithale mo Bukeng ya Morutwana kgotsa se se kgomareditsweng mo bukeng ya bone.



Dipotso tse o tshwanetse go di botsa

- Didirisiwa tsa dijithale ke eng?
- O dirisitse sedirisiwa sefe sa dijithale?
- Dikarolo le dikonopo tsa sedirisiwa sa dijithale di dirisediwa eng?
 - Naya barutwana nako ya go nana pele ba araba.
 - Kopa barutwana go thala sedirisiwa sa dijithale se ba se dirisitseng mo dibukeng tsa bone tsa tiro.

Ditiro tse dingwe tse di akantshiwang

Dira mogala wa letheka

- Naya marutwana mangwe le mongwe khateboto ya khutlonne (letlhakore le lengwe le nna le dikhatlata di le 8 fa le lengwe di le 15) gore a e dirise jaaka mogala wa letheka. Di kgaole go tswa mo mabokosong a a se nang sepe a dijo tsa dithoro le mo matlakaleng a mangwe.
- Namela ka pampiri e e mebalabala, sekgomaretsi le dikere go sega dikarolo le dikonopo tsa sekgomaretsa mo khatebotong.
- Kopa barutwana go thala le go dira mmotlele wa mogala wa letheka.

Mekgwa ya go thusa

- Bona ditiro tse dingwe tse di akantshiwang.

Go tshameka karolo ya go dirisa megala ya letheka

- Kgaoganya barutwana ka bobedi ka bobedi.
- Ba kope gore ba dirise megala ya letheka ya bone e e dirilweng ka dikhatebokoso tse ba di itiretseng go tshameka karolo ya go founelana.
- Mongwe le mongwe wa bone o tshwanetse a bo a na le sebaka sa go founa le go araba le go tlotla ka go dirisa megala ya khatebokoso.