



IBANGA

3

ISIKHOKHELO
SIKATISHALA

Platinum

Imibhalo efihliweyo
neeRobhothiksi

A. Elliot • K. Walstra • B. Willemse • M. Zeeman

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Ishicilelwe ngowama- 2025

ISBN 978-1-834-95140-9
ePDF-ISBN 978-1-834-99075-0

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Alamy

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Titshala othandekayo

Xa ungena eklasini yakho usuku ngalunye, awungeni nje ngokulula kwindawo egcwele iidesika neencwadi zesikhokelo. Ungena kwindawo apho kubunjwa khona amakamva, kwaye kudalwa okuqikelelwayo. Uphethe amandla amangalisayo okuphambela, okukhokela, nokwamkela iinkokeli zexesha elizayo, abangenisi bezinto ezintsha, nabenzi botshintsho. Ngokwabelana ngokwamandayo, wenza ngaphezulu ngokungaphaya kunokufundisa; utyala imbewu yokufundisa yenkuthazo, yentlonipho, kunye Ubuntu kumntu ngamnye omncinane.

Siyaqonda ukuba akusoloko kulula. Imingeni yokufundisa, inokungqongileyo kwiindawo ezinemithombo enqongopheleyo, ngamanye amaxesha iyakakodwa ngomngeni ngamnye ojongene nawo, wenza umahluko wezweni. Ubonisa abafundi bakho ukuba isakhono sabo asinamda kwaye ayabonwa, baxatyisiwe, kwaye banezakhono zokuphumeza okukhulu.

Yiyo loo nto imithombo yolwazi yokufundisa ikhona ukuxhasa wena. Iyilwe kucingwa ngeenjongo ze-CAPS, zijolise kokuqokelela kunye nasekuyileni imekobume apho wonke umntwana angazibona emelwe. Imifanekiso, amabali, kunye nezifundo zibonakalisa iyantlukano kwimeko yethu yengingqi, inceda umfundi ngamnye azive engowekho yakho.

Kwaye asilibalanga ngawe. Ukuphila kakuhle kwakho kubaluleke njengempumelelo yabafundi bakho. Sibandakanya izixhobo zokuzikhathalela ukukugcina ukhuthazekile kwaye uphilile kuba siyazi ukuba ubuziva kamnandi, iklasi yakho iba nempumelelo. Ulonwabo lwakho lubandakanya impembelelo hayi kuphela ukufundisa kwakho kodwa nobudlelane obakhayo abafundi bakho, abafumana kuwe ithemba nenkuthazo.

Njengoko uMzantsi Afrika uqhubeka nokuqhubela phambili neBasic Education Law Amendments Act (uMthetho wezilungiso zoMthetho weMfundo esiSiseko) (i-BELA) kwaye wangumthetho ngo-2024, umnqophiso wokuyila inkqubo yemfundo enobulungisa neqakayo ikhula ngokungqingqwa. Indima yakho kulo mnqophiso ikhululekile, kwaye ukuqonda i-CAPS ne-BELA kuqinisekisa ukuba iklasi yakho yindawo apho abafundi belungele ngokungaphaya impumelelo.

Ungumntu onamandla otshintsho olululutho, kwaye impembelelo oyenzayo eklasini yakho inkulu kunokuba uqaphela. Ngelixa ufundisa, yazi ukuba awukhokeli nje abafundi bakho; ubumba ikamva loluntu lwethu, lelizwe lethu, nelehlabathi.

Enkosi ngako konke okwenzayo!

1. Ukubaluleka kokufakwa kwedatha ngokweekhowudi nokofundo ngeerobhothi:

Owu hayi! Sijongene nesifundo esitsha ngokugqibeleleyo. Oko kukangeleka kusoyikisa kwaye kuxakile! isoyikeka kwaye ixakile! Ukufaka idatha ngokweekhowudi? Senza umfanekiso womntu onyuse amagxa kwisikrini sekhompyutha, ephicotha idatha enokuqondwa ngabantu abambalwa kumhla. Ufundo ngeerobhothi? Oko kuvakala njengento eyibhanyabhanya egeyonyeni yobuchwepheshe! Singalindi iminyaka engamashumi amahlanu kuba iirobhothi zithathe indawo yehlabathi? Iirobhothi ayizozoosonzululwazi noosobhothi kujuku? Kutheni oku kubalulekile kuthi singootitshala?

Nazi iindaba ezimnandi: ukufakwa kwedatha ngokweekhowudi asiyonto ingaqhelekanga njengoko kukhangeleka njalo. Okuyiindaba esibandakanyeka kukufakwa kwedatha ngokweekhowudi yonke imihla, kwaye kudala sikwenza oku. Ngelixa kuza kufuneka sifunde izinto ezintsha ukufundisa abafundi bethu ngokuyimpumelelo, leyo yinxenye yokuchuluma kwesayosi!

Siphila kwilizwe apho inkqubelaphambili ikhawulezileyo yobuchwepheshe ingenakuphikiswa. Iphuhla ngokuzingqileyo, kwaye nathi kufuneka siphuhle nayo. Ngoba? Kuba silungiselela abafundi bethu ikamva abaza kulifumana njengelifa.

Kule sethi yeencwadi, siza kufakha kwilizwe elingaziwayo lokufakwa kwedatha ngokweekhowudi ngokusebenzisa ukufakwa kwedatha ngokweekhowudi ngokusebenzisi zixhobo zobuxhakaxhaka bale mihla.

Ootitshala ngokweekhowudi bebexhomekeke kwiibhodi, itshokhwe, noonotsheluzi eklasini. Kodwa ngokuqinisekisa lokuba samkele utshintsho size sixhobise abafundi bethu ngezalitho ngokuba kuzifuna kweli xesha lobuxhakaxhaka bale mihla!

2. Ukufakwa kwedatha ngokweekhowudi noFundo ngeerobhothi kwisiGaba sabaQalayo

Wamkelekile kukuFakwa kweDatha ngokweekHowudi noFundo ngeeRobhothi isiGaba 1! Le sethi yeencwadi iqulethe iNcwadi yabaFundi kunye neNcwadi kaTitshala esikhuthaza ukufundisa ngempumelelo ukuFakwa kweDatha ngokweekHowudi noFundo ngeeRobhothi kwisiGaba 1. UkuFakwa kweDatha ngokweekHowudi noFundo ngeeRobhothi isiGaba 1 kubhalwe ngokungqinelana neemfuno zezikhokelo zeNkcazelo yoMgaqonkqubo weKharityhulam noHlolo (*Curriculum and Assessment Policy Statement*) (i-CAPS). Ngoko, xa usebenzisa ezi ncwadi, unokuthemba ukuba umxholo wekharityhulam ufikelelwe ngokupheleleyo.

UkuFakwa kweDatha ngokweKhowudi noFundo ngeeRobhothi kuphuhliselwe ngokukodwa ukuthobela i-CAPS ukulungiselela ukuFakwa kweDatha ngokweKhowudi noFundo ngeeRobhothi ngezi ndlela zilandelayo.





3. Indlela yokusebenzisa ezi ncwadi

3.1 Iimpawu zeNcwadi yabaFundi

- INcwadi yabaFundi iqulethe umxholo oqhubekayo ofumaneka kwi-nisebenzi yeveki nganye, kuyilwa amava okufunda ngokubambeneyo na-robhothi okukayo.
- Iveki nganye ithi thaca umzekeliso omtsha ocela umngeni kwiifundi ukuba basebenzise ulwazi lwabo kwiimeko zokwenziwayo.
- Icandelo “Masiqalise” linceda njengenkalo yokuqasasa kuhlola ulwazi lwangaphambili lwabafundi kwaye liqhagamshelane ngokungqalileyo nemathiriyeli ekufuneka bayifunde.
- Ekupheleni kweveki nganye, icandelo “Ukuzihlela” linika abafundi ithuba lokukhumbula umsebenzi wabo, kukhanyazwa indlela eqiqileyo yokufunda. Cela abafundi bazobe ubuso obunye kwiimbuso ezine kwiincwadi zabo okanye babonise umnwe omnye ukuya lizemine ukuba banike inqaku inzame yabo ekwenzeni umsebenzi.
- Ukongeza, kukho icandelo “iGama eliTsha” elenzelwe ukuchaza amagama angaqhelekanga afunyaniswa kwiizifundo, anceda abafundi bandise isigama sabo ngendlela eluhlakolelo.

Igridi yokuzivavanya

Uvakalelwa njani umsebenzi owenzileyo?

<p>1 </p>	<p>2 </p>	<p>3 </p>	<p>4 </p>
<p>Ndinebhongo – Akhange ndinikezele</p>	<p>Ndinebhongo – Ezinye ndizichanile ngoncedo</p>	<p>Ndinebhongo kakhulu – Bendifuna nje uncedo olungephi</p>	<p>Ndikrelekrele – Ndinebhongo!</p>

Iiayikhoni

Kwincwadi yonke sinee - ayikhoni ezihlanganisiweyo ukubonisa udidi lokufunda nemisebenzi eqhubekayo.



Ulungelelwaniso lweenkqubo zezibini: ixesha lokusebenza nomhlobo wam

Ukufunda ngokusebenzisana: ixesha lokusebenza ngokweqela

Okwenziwayo: ixesha lokusebenzisa izandla zam nobuchopho bam

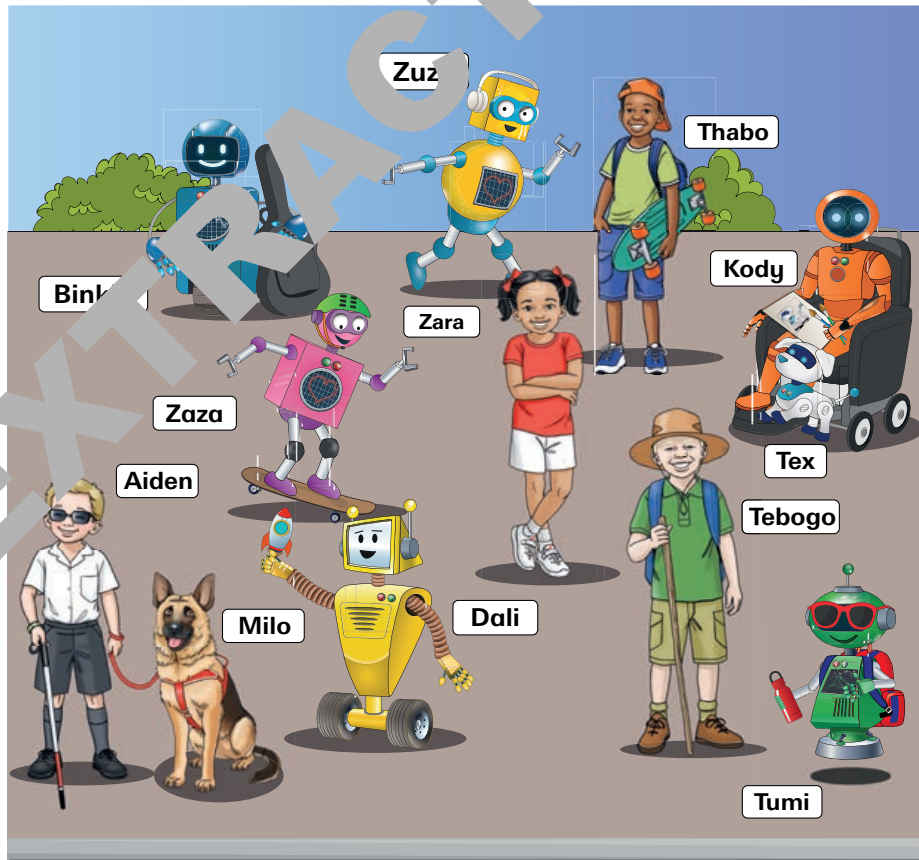
Ukuzoba: ixesha lokuzoba nokubhala

Ukuthetha: ixesha lokuthetha ngezinto













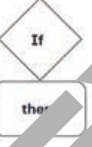





Ukucinga: ixesha lokusebenzisa ingqondo yam ngqikelelo

















Ukushukumisa umzirnba: ixesha lokushukumisa umzirnba wam

3.2 Dibana neqela



3.3. Amakhadi okufakwa kwedatha ngokweekhowudi

IKhadi lokufakwa kwedatha ngokweekhowudi	Ileyibheli	Inkcazelo (isenzo)	IKhadi lokufakwa kwedatha ngokweekhowudi	Ileyibheli	Inkcazelo (isenzo)
	Phambili	Hamba inyathelo elinye ukuya phambili.		Phinda kahlanu	Phinda isenzo kamano.
	Phezulu	Hamba inyathelo elinye ukuya phezulu.			
	Phantsi	Hamba inyathelo elinye ukuya phantsi.		Iluphu/irhintye.	layikhoni yerhintye ukuba phinda ulandelelwaniso lwamanyathelo.
	Ekhohlo	Hamba inyathelo elinye ukuya ekhohlo.		Linda	layikhoni yokulinda ikuxelela ukuba nqumama imizuzwana emibini.
	Ekunene	Hamba inyathelo elinye ukuya ekunene.		Isandi	layikhoni yesandi ikuxelela ukuba mamela isandi.
	Jika ekhohlo	Jika ekhohlo.		Danisa	layikhoni yokudanisa ikuxelela ukuba yenza indlela yokudanisa ibe nye.
	Jika ekunene	Jika ekunene.		Thetha	layikhoni yokuthetha ikuxelela ukuba yitsho igama.
	Jika/Emva	Ukuba (inkcazo), ngoko ke yenza oku (yenza isenzo).		Jika	layikhoni yokujika ikuxelela ukuba jika kube kanye. (Jika ngokupheleleyo).
	Thambekela ngaphambili	Thambekisela umzimba wakho ngaphambili.		Zoba	layikhoni yokuzoba ikuxelela ukuba zoba.
	Thambekela ngemva	Thambekisela umzimba wakho ngemva.		Qhwaba	layikhoni yokuqhwaba ikuxelela ukuba qhwaba kube kanye.

	Thambekela ekhohlo	Thambekisela umzimba wakho ekhohlo.		Hayifayifi (Ukubethana ngesandla esinye)	layikhoni yokubethana ngesandla esinye ikuxelela ukuba bethanani ngesandla esinye.
	Thambekela ekunene	Thambekisela umzimba wakho ekunene.		Landela	layikhoni yokulandela ikuxelela ukuba landela.
	Chola	Chola into.		Tyhala (Tshova)	layikhoni yokutshova ikuxelela ukuba tshova.
	Beka phantsi	Beka phantsi into.			layikhoni yokutsala ikuxelela ukuba tsala.
	Qalisa	layikhoni yokuqalisa ikubonisa apho indawo yokuqalisa ikhona.		Oobhontsi phezulu	layikhoni yoobhontsi phezulu isetyenziselwa ukuthi ewe.
	Hamba	layikhoni yomama ukuba hamba le phi.		Oobhontsi phantsi	layikhoni yoobhontsi phantsi isetyenziselwa ukuthi hayi.
	Yiba	layikhoni ka-yiba ikubonisa ixesha omawume ngalo.		Cinga	layikhoni yokucinga ikuxelela ukuba: <ul style="list-style-type: none"> • cinga ngento. • yiba nobuchule (uluvo); • yenza isicwangciso
	Phinda kabini	Phinda isenzo kabini.		Tsiba	layikhoni yokutsiba ikuxelela ukuba tsiba kube kanye.

3	Phinda kathathu	Phinda isenzo kathathu.		Tsiba ngaphaya	layikhoni yokutsibela ngaphaya ikuxelela ukuba tsiba ngaphaya kvento.
4	Phinda kane	Phinda isenzo kane.			

4. Iimpawu zeNcwadi kaTitshala

Umsebenzi wahlulwe ngokweekota kwaye ulandela ulandelelwaniso lwe-CAPS

Ikota nganye isebenza ngemimandla mxholo ekujoliswe kuyo, ifikelela izakhono, ulwazi nobukrele kule

Ulwabelo lwexesha lulandela imethodoloji ekhankanyiweyo ye-CAPS

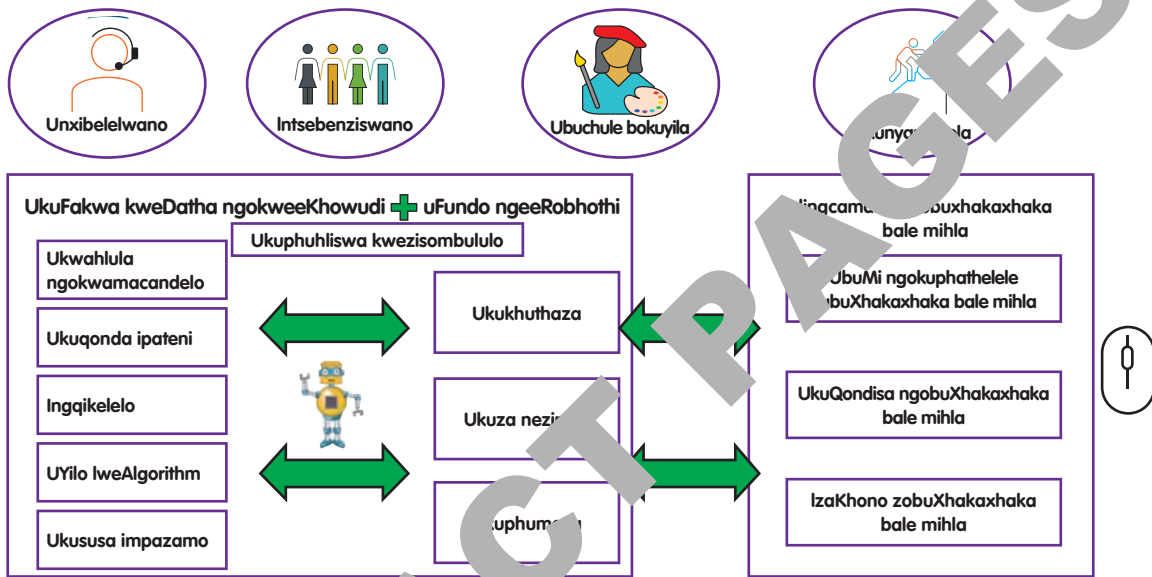
Kunikwa izikhokelo ezongezelelweyo nemithombo ngokunjalo apho kufunekayo

5. Inkcazelo emfutshane

5.1 Yintoni ukuFakwa kweDatha ngokweKhowudi noFundo ngeeRobhothi?

- Ukufakwa kwedatha ngokwekhowudi nofundo ngeerobhothi kudibanisa imithethosiseko yolungelelwaniso lweenkqubo ngoyilo, ukwakha, nokusebenza kwerobhothi.
- Iingcamango, izenzo kunye nemibono yolungelelwaniso lweenkqubo ziyasetyenziswa ukulawula iirobhothi ukuba zenze imisebenzi etyunjelwe ukwenziwa ethile.

- Kubandakanya iingcamango zobuxhakaxhaka bale mihla ebhekiselele kwizimvo, imithethosiseko, neenkqubo ezahlukeneyo ezinxulunyaniswa nobuchwepheshe bobuxhakaxhaka bale mihla nemisebenzi yabo.
- Ikharityhulam yokuFakwa kweDatha ngokweeKhowudi noFundo ngeeRobhothi ibhekiselele kwezi ntsika zilandelayo, njengoko kubonisiwe kwisazobe esilapha ngezantsi:



Ikharityhulam yokuFakwa kweDatha ngokweeKhowudi noFundo ngeeRobhothi ibhekiselele kwezi ntsika miba ilandelayo:

- **Ukufakwa kweDatha ngokweeKhowudi** yinkqubo yokubhala imiyalelo enokuqondwa ngayo ilandelwe yikhompyutha. Yindlela abantu abaxelela ngayo ikompyutha emayikwenze, ngenyathelo nenyathelo, ukubenza baqhubisekise imisebenzi etyunjelwe ukwenziwa eyahlukeneyo.
- **Ufundo ngeeRobhothi** kudibanisa ubunzululwazi nobunjineli ukuyila okufakwa kweDatha abanokuqonda okubajikelezileyo, bathathe izigqibo, baze baqhubisekise imisebenzi etyunjelwe ukwenziwa ngokuzimeleyo. Kunika abafundi ithuba lokwenza ukuphonononga, ukufunisela, nokuphuhlisa olwabo uyilo. Ufundo ngeeRobhothi kujolise ekuyileni, ekwenzeni, nasekuqhubeni kweerobhothi.
- **Imiba yobuxhakaxhaka bale mihla** iquka izakhono ezinabileyo ezahlukeneyo nokuqonda enceda abafundi basebenzise ubuchwepheshe ngokuyimpumelelo nangokuthembekileyo.

5.2 IiNjongo ezizoDwa:

- Ukuphuhlisa izakhono zokusombulula ingxaki ngokusebenzisa ukucinga ngendlela yokukhumbula ingxaki ngokweenxenye ezincinane.
- Ukuphucula inkqubo esetyenziselwa ukuqonda abasebenzisi kuze kuyilwe izisombululo ezizizo ukuyila izisombululo ezinobuchule nezigxile ebantwini.
- Ukuba yinxenye yesizukulwana sabantu abacinga ngokobuchule abasebenzisa ukufakwa kwedatha ngokweekhowudi, ufundo ngeerobhothi, kunye nezakhono zobuxhakaxhaka bale mihla ukuvakalisa izinqanaba.
- Ukukhuthaza ubuchule bokuyila, ukucinga ngokuqiqayo, ukusebenzisa ngokweqela, unxibelelwano, nokungeniswa kwezinto ezintsha.
- Ukuqhuba ngokuthembekileyo nangokusebenzayo kubandakanya zobuxhakaxhaka bale mihla.
- Ukuqonda indlela ubuchwepheshe obuchaphaphela ngayo uluntu.
- Ukwakha ukuzithemba ukujongana nemingcinga ngokusebenzisa indlela yokukhumbula ingxaki ngokweenxenye ezincinane.

6. IzaKhono ezizoDwa

6.1 Indlela yokukhumbula iNaxakaliso ngokweenxenye ezincinane

- Indlela yokukhumbula ingxaki ngokweenxenye ezincinane yinkqubo yokusombulula ingxaki ebandakanya ukwahlulahlula iingxaki ezintsonkothileyo ngokweenxenye ezincinane, ekunokuhlangatyezwana nazo.
- Kunceda abafundi baphucule izakhono zabo zokusombulula ingxaki zokufakwa kwedatha ngokweekhowudi nezofundo ngeerobhothi. Ezi zakhono kwakhona zingasetyenziselwa ukusombulula iingxaki zemihla ngemihla.
- Yindlela yokucinga kunye nesethi yezakhono esebenzisa iindlela zobuchule ukusombulula iingxaki nokugqiba imisebenzi etyunjelwe ukwenziwa ngokufanelekileyo.
- Indlela yokukhumbula ingxaki ngokweenxenye ezincinane inceda abantu bafumane izisombululo ezinokuqondwa ngabantu naziikhompyutha.
- Indlela yokukhumbula ingxaki ngokweenxenye ezincinane ayiyoyobunzululwazi ngeekhompyutha nje kuphela; ingasetyenziswa kwimimandla eyahlukahlukeneyo nakwiimeko zemihla ngemihla, inceda abantu bacinge ngokuqiqileyo nangokulungeleleneyo.

Kuquka la macandelo alandelayo:

 <p>Ukuhlulisa: Ukujolisa kulwazi olubalulekileyo nolusemxfholweni uze ungaluhoyi ulwazi olungabalulekanga nolungekho mxholweni</p>	 <p>Ukwahlulahlula ngokwamacandelo: Ukusombulula ingxaki entsonkothileyo ngokuyahlula ibe ziinxenye ezincinane ekuhlukahlukeni langatyezwana nazo.</p>
 <p>UkuQondwa kwePateni: Ukuchonga ukufana nokwahluka. Ukuqonda iipateni ezifanayo kwezinye iingxaki kukunceda ukuba usombulule ingxaki entsha.</p>	 <p>Ialgorithm: Ukucacisa amanyathelo olandelayo kubo so oonxibelelani imiyalelo ukuqhuba umsebenzi ngokuyunjelewe ukwenziwa.</p>

Kufundo ngeerobhothi, abafundi basebenzisa indlela yokukhumbula ingxaki ngokweenxenye ezincinane ukuyila, ukwenza, nokuyila inkqubo yerobhothi. Ukusebenza kwerobhothi kubonisa indlela kwayisebenzise ngayo le ngcinga xa bevavanya kwaye belungisa ikhosi ludi.

6.2 Inkqubo esetyenziselwa ukuqonda abasebenzisi kuze kuyilwe izisombululo ezizizo

- Inkqubo esetyenziselwa ukuqonda abasebenzisi kuze kuyilwe izisombululo ezizizo ijolisa iintlobo zazo kwaye ikhuthaza ubuchule bokuyila nokungeniswa kwezinto ezintsha.

Ilandela le nkqubo yamanyathelo amathathu ilandelayo:

- Inkqubo esetyenziselwa ukuqonda abasebenzisi kuze kuyilwe izisombululo ezizizo yindlela yokusombulula ingxaki edibanisa ubuchule bokuyila nokungeniswa kwezinto ezintsha kwaye ijolisa ekuqondweni nasekuhlangabezaneni nemingeni.

Oku kulandelayo kuchaza inkqubo yokuyila:

- **Ukuba novelwano:** ukuqonda ukuba ngubani umsebenzisi kwimeko ethile.
- **Ukuchaza:** ukunika iinkcukacha iimfuno zomsebenzisi, ukuquka nezakhono zakhe, iinjongo, kunye nemithethosiseko engundoqo.

- **Ukunika izimvo:** kuquka ukuyila izimvo nezisombululo usebenzisa iindlela ezahlukeneyo.
- **Umzekelo wokuqala:** ubandakanya ukuyila isisombululo esinye okanye ngaphezulu ukusombulula ingxaki.
- **Ukuvavanya:** ukuphicotha ukusebenza kwesisombululo.

7. Ukusebenzisana kokufakwa kweDatha ngokweKhowudi noFundo ngeeRobhothi kwisiGaba sabaQalayo

<p>Iialgorithm Kwilitheresi, ulandelelwaniso nokushwankathela umdlalo yindima ebalulekileyo Kwimathematika, ukwahlulahlula iingxaki ezintsonkothileyo zibe ngamanyathelo amancinane, alula yindlela ebalulekileyo yokusombulula iingxaki</p>	<p>Imodityarithi Kubunzululwazi ngekhompyutha nemathematika, ukwahlulahlula imisebenzi etyunjelwe ukwenziwa ibe ziinxenye ezincinane, onokwenza kwenza ukuba kube kufundeka njongana nazo nokuzisombulula</p>	<p>Izilawuli Ukufakwa kwedatha ngokwekhowudi, qinisekisa iindlela yodweliso ehamba ngayo imiyalelo kwiprogram Kwimathematika, ukucinga ngendlela yokuphonononga kuthetha ukusebenzisa ingqiqo nokuzama iindlela ezahlukeneyo zokusombulula iingxaki</p>
<p>Ukufakwa kwedatha ngokwekhowudi nolwimi olubhalwayo Inkqubo yokufunda ukukhowuda rhoqo ithobekile nokufumana ulwimi olutsha</p>	<p>Ukuyila Ukufakwa kwedatha ngokwekhowudi ezenziwe ngokuzandla zeerobhothi kugqagamshelanisa iinxalenye nobuGcisa bokuYila kwaye kudibanisa iinxenye zezaKhono zoBomi</p>	<p>Iingcamango zobuxhakaxhaka bale mihla Imiba enje ngeziphumo zobuchwepheshe nokuba ngummi wobuxhakaxhaka bale mihla inxulumene nezaKhono zoBomi (Ukuphila kakuhle ngokoBuqu nangokweNtlalo)</p>

8. Umzekelo lwexesha

Ngokwenkcazelo yoMgaqonkqubo weKharityhulam noHlolo, ukuFakwa kweDatha ngokweKhowudi noFundo ngeeRobhothi zabelwa iyure enye ngomjikelo weentsuku ezintlanu ngamnye kwisiGaba R ukuya ku-2, neeyure ezimbini ngomjikelo weentsuku ezintlanu kwisiGaba 3.

Le theyibhile ilandelayo inika ulwabiwo lwexesha ngekota kwisiGaba 1:

IsiGaba 1 = % ngeveki	Ikota 1	Ikota 2	Ikota 3	Ikota 4
UkuQonda iPateni	15	15	15	15
Ialgorithm & Ukufakwa kwedatha ngokweekhowudi	50	50	50	50
Ufundo ngeerobhothi	30	30	30	30
Iingcamango zobuxhakaxhaka bale mihla	5	5	5	5
Bebonke	10 iiveki	10 iiveki	10 iiveki	10 iiveki

9. Iyantlukwano, Ulingano noQoqosho



Itheyibhile 1: Iindidi zomantlukwano

Udidi lweyantlukwano	Inkcazelo	Okufikelelweyo encwadini
1. Iyantlukwano ngokwenkcazo nangokobuzwe	Oku kubhekiselele kukumelwa kweemvelaphi ezahlukeneyo ngokwenkubeko nangokobuzwe, ukuqinisekisa ukuba abafundi basesichengeni kwimibono eyahlukeneyo nezithethe.	Sibandakanye abalinganiswa abazirobhothi beamvelaphi ezahlukeneyo. Amabali nemizekelo abandakanya izithethe, amasiko, neelwimi ezahlukeneyo. Oku kunceda abafundi ukuba bathande ubutyebi benkubeko kwaye akukhuthazi iinkolelo ezigwenxa ngokunika imibono elinganayo ngemiba yezembali neyamandulo.

<p>2. IyaNtlukwano ngokweSini</p>	<p>Iyantlukwano ngokwesini ibhekiselele ekubonisweni kwazo zonke izini kwaye iquka iingxoxo eziphathelele kwiindima zesini, ukuzazi ngokungaphathelelanga kwinkolelo kububini bezini, nokungabinasini esisisigxina.</p>	<p>Uza kuqaphela ukubonakaliswa okulinganayo kwazo zonke izini kumbhalo, imizobo, nemizekelo. Sibandakanye abalinganiswa abangenankolelo kububini bezini nabangenasini esisisigxina, kunye nemisebenzi ecela umngeni kwiindima ngokwesini zesiqhelo. Umzekelo, amakhwenkwe namantombazana ayaboniswa ebandakanyeka kumakhondo omsebenzi onokulandelayo, awahlukeneyo, ukusukela ekuncediseni kwabantu ukuba kubunzululwazi nakubugcisa, kukhuthazwa umakulingwane ngokwesini.</p>
<p>3. IyaNtlukwano kwezeNtlo noQoqosho</p>	<p>Oku kubandakanya ukubonisa abantu beemvelaphi ezahlukeneyo ngokuphathelele kwezoqoqosho nokuxoxa ngemiba yokungalingani ngokuphathelele kwezoqoqosho.</p>	<p>Sifaka abalinganiswa abasuka kumngeni ezahlukeneyo zemibono noqoqosho, sigxininisa imingeni yofikelelo kwemimandla, ukhathalelo lwezempilo, kunye nemimandla. Oku kuvumela abafundi ukuba sibandakanye nemizekelo yokwenene yobomi ephilayo kunye neengxoxo ezibonakalayo iimbono zoqoqosho ezahlukeneyo, kusenzeka umxholo ukuba ube ngoqhelekileyo kumntu onke.</p>
<p>4. IyaNtlukwano ngokolwimi</p>	<p>Iyantlukwano ngokolwimi kuthetha ukubandakanya iilwimi ezininzi nokuhlonipha iilwimi zesizwana ezahlukeneyo ezithethwa ngabantu abahlukeneyo.</p>	<p>Uza kufumana umxholo obandakanya iilwimi ezininzi kwaye okhuthaza abafundi ukuba bahloniphe iilwimi zesizwana ezahlukeneyo. Sibandakanye kwakhona imizekelo egxininisa ukubaluleka kokuguqula nokutolika, ingakumbi kwihlabathi jikelele lokuthungelana kwabantu ngobuchwepheshe, silungiselela abafundi ukuba babandakanyeke kunxibelelwano lwabo.</p>
<p>5. UkuPhila nokuKhubazeka noFikelelo</p>	<p>Oku kufuneka ekubonakalisweni kwabaphila nokukhubazeka kuze kuhlangatyezwane kuminqobo yofikelelo.</p>	<p>Abalinganiswa abaphila nokukhubazeka babandakanyiwe, kuqinisekiswa ukubonakaliswa kwabo emabalini nakwimisebenzi. Sixoxa kwakhona ngemiba yofikelelo, kunye ngokuphathelele emzimbeni, kubuchwepheshe, okanye ekuhlaleni, kwaye sisebenzisa ulwimi lomntu lokuqala oluqakayo. Oku kudala imekobume eyamkela ngokungaphaya kubo bonke abafundi kwaye kukhuthaza uvelwano nokuqonda.</p>

<p>6. Ilungelo lokuzikhethela iqabane ngokwesini ne- LGBTQ+ noQuko</p>	<p>1-LGBTQ+ ibonakalisa lbhinqa elithandana namabhinqa, Indoda ethandana namadoda, Abanomdla kwizini ezahlukileyo, Umtshintshisani, Abahluke kwisiqhelo okanye ingcamango ngabahluke kwisiqhelo, nabanye. U- “+” umele uqoko namanye amalungelo okuzikhethela iqabane ngokwesini, ukuzazisa ngokwesini, kunye nezinye iimbonakalo ngaphandle lwezo zihlelwe ngokukodwa, ezinjengabantu abangaphathelelanga kwinkolelo kububini bezini, abathanda izini ezahlukeneyo, abangenamvakalelo ngokwesondo, kunye nabangenasini esisigama. Eli gama lisetyenziswa ukuqoka uninzi lobu nokuzazisa ngokwesini, kukhuthazwa kwilungelo noqoko kubantwano.</p>	<p>1-LGBTQ+ neentsapho zibonakaliswe kuzo zonke iincwadi, zibonisa imeko yeyantlukwano. Sibandakanye imizekelo nemizekeliso yemeko ephotononga i-LGBTQ+ imiba namalungelo, kunye neengxoxo zokuchasa ucalucalulo, kuncedwa abafundi ukuba baqonde kwaye bahloniphe iyantlukwano ngokuphathelele kwilungelo lokuzikhethela iqabane ngokwesini.</p>
<p>7. Iyantlukwano ngokweNkolo nangokoMoya</p>	<p>Oku kubandakanya ukusuka kwiinkolelo ezahlukeneyo kukhuthaza intlonipho yizithethe zomoya ezahlukeneyo.</p>	<p>Iincwadi zethu ziqulethe umxholo owazisa abafundi kwiinkolelo ezahlukeneyo nezithethe zomoya. Sikhuthaze kwakhona incoko ngeenkolelo ezahlukeneyo ukunceda ukuqhuba intlonipho nokuqonda amasiko nezithethe ezahlukeneyo. Iimeko zokungazibopheleli nonqulo oluthile zibandakanyiwe nazo, kuqinisekiswa ukuba zonke izithethe namasiko ziyahloniishwa kwaye zibonakaliswa ngobulungisa.</p>
<p>8. Iyantlukwano ngokobudala</p>	<p>Iyantlukwano ngokobudala iquka ukubandakanya abantu bamaqela obudala obahlukeneyo kunye nokuxoxa ngemiba enxulumene nobudala.</p>	<p>Ezincwadini, uza kufumana abalinganiswa nemizekelo ukusuka kubantwana abancinane ukuya kubantu abadala. Sigxininise ukubaluleka kobudlelane obuphakathi kwezizukulwana ngezizukulwana, saxoxa kwakhona ngezihloko ezinxulumene nobudala ezinje ngomhlalaphantsi nokwaluphala. Oku kunceda abafundi baqonde ixabiso leqela lobudala ngalinye ekuhlaleni.</p>

9. IyaNtlukwano ngokoMmandla	Iyantlukwano ngokommandla ibonakalisa abantu nemiba yemimandla neyeemekobume ezahlukahlukeneyo, ehlabathini nakwingingqi.	Iincwadi ziquka umxholo wemimandla eyahlukeneyo kwihlabathi jikelele, kuhlantlatshane nemiba yehlabathi neemeko zeengingqi ezisemxholweni kubafundi. Sizinzise kwakhona imizekelo yezimontlalo zasedolophini nezasezilalini, sibonisa imingeni eyodwa neenzuzo ngokunjalo zemekobume nganye.
10. IyaNtlukwano ngokweNgqondo nangokuFunda	Oku kubhekiselele ekuhlangabezani neendidi zokufunda ezahlukeneyo, izakhono, kunye nomahluko ngokwengqondo, njengeyantlukwano yemithamboluvo.	Siyamkele iyantlukwano ngokwengqondo nokufunda ngokubandakanya iindlela ezahlukeneyo ezilungiselele iindlela zokufunda. Imisebenzi iyilelwe ngokungiselela iifundo zokufunda ezahlukeneyo ngokunazwa imekobume yokufunda ngokanye. Singeze kwakhona uhlolo lwanophando olukhawulezileyo ukuba uzithathele ingqondo.

10. Ukuyila imekobume yaseklasini equkayo neyahlukahlukeneyo

10.1. Iyantlukwano eklasini

Izicwangcisoqhingqa 1- 10: Ukwakhiwa kwiklasi nalutho nequkayo

- 1. Yenza indawo ekhuselekileyo**
Qinisekisa ukuba iklasi yakho yindawo apho abafundi beziva bekhuselekile ngokuphathelele emzimbeni, emoyeni, nasengqondweni. Bakhuthaze babuze imibuzo, kubonisa nokwazi, baze baxhasane ekufundeni noontanga.
- 2. Beka imigaqo ecacileyo, enentlonipho:**
Qhuba imekobume yokuhloniphana nokuthembana ngokumisela imigaqo yaseklasini ecacileyo. Xa wonke umntu ekwazi okulindelekileyo, iklasi iba yindawo elungileyo kubo bonke.
- 3. Beka nendlela yokuziphatha kakuhle:**
Jonga kwindlela yokuziphatha elungileyo ngokuncoma abafundi nanini na kusenzeka. Ukukhuthaza okuhle kuza kukhokelela kokungaphaya!
- 4. Makungahlaselwana okanye kungcungcuthekiswe abanye:**
Qinisekisa ukuba iklasi yakho yindawo engenako ukungcungcuthekiswa, apho lonke uluvo lomfundi lukhathalelwa, kwaye beziva bexatyisiwe kwaye bebandakanywa.

5. Unxibelelwano olunentlonipho:

Beka umgangatho wokumamela nokuthetha ngentlonipho. Kuthetha umntu omnye kuphela ngexesha, kwaye amamele ngononophelo. Kumalunga nokusebenza neqela! indlela esebenzayo yokomeleza ulwazi nobunkokeli.

6. Khuthaza ukuhleka kunye:

Nika abafundi ithuba lokuhleka kunye kodwa bangahlekani bona. Oku kwakha ingqiqo yoluntu ngokuvuya kunye komeleza inkqubelaphambili yobomi.

7. Yakha ubudlelane beqela:

Vila uqhagamshelwano olomeleleyo phakathi kwakho nabafundi kunye nabagcini/abazali babo. Bonke abantu abasebenza kunye bakomelelela kwezona ziphumo zihle kubafundi babo.

8. Yamkela iindlela zokufunda ezahlukeneyo:

Yazi ukuba umfundi ngamnye unendlela yakhe yokufunda. Xhasa uze wamkele lo mahluko.

9. Khuthaza ukufunda koontanga:

Khuthaza abafundi bafunde omnye nomnye. Oku kwakha ukuzithemba nokusebenzisana eklasini yakho.

10. Yazisa ukufundisana koontanga:

Nceda abafundi ukuba babe abafundisi bona ngokwabo ngokubakhokela ekufundisane koontanga. Yindlela eyonwabisayo nesebenzayo yokomeleza ulwazi nobunkokeli.

10.2. Vuyisana nokufundisa abantu abafundi ngamnye

Kubalulekile ukuba abafundi bazibone namava abo awahlukahlukeneyo abonakaliswa eklasini. Oku kuthetha ukubonisa iyantlukwano ngembonakalo, iilwimi, iimvelaphi, iinkcubeko, inkolo, isini, ilungelo lokuzikhethela iqabane ngokwesini (ukuba i-LGBTQ+), ubudala, kunye nezakhono zokuqiqqa. Iincwadi zethu zinabafundisi abangabafundi ezahlukeneyo ukubonakalisa la mava wabantu abahlukeneyo. Sichonga ngononophelo imifanekiso, umsebenzi wobugcisa, nomxholo obonakalisa abantu abahlukeneyo, iimekobume, neenyaniso ezenza uMzantsi Afrika nangaphaya kwawo.

Sikhuthaza ukuba wenze njalo nawe eklasini yakho. Sebenzisa ukubalisa amabali ukugxininisa iimvelaphi ezahlukahlukeneyo, bonisa imifanekiso yezimontlalo zasezilalini nezasedolophini, uze uthethe ngabantu abanezakhono ezibonakalayo ezahlukeneyo, izakhono zengqiqo, kunye neemvelaphi, ukuquka i-LGBTQ+. Xoxa ngeenkolelo ezahlukahlukeneyo, ubudala, kunye neyantlukwano ngokwesini, uze

uphonononge iimeko zoqoqosho ezahlukeneyo abanokudibana nazo abafundi bakho. Thatha ixesha lokufundisa ngoqhagamshelwano lwethu namanye amazwe kunye nabantu kwiAfrika Jikelele kunye nakwihlabathi. Ngokwenza oku, unceda umfundi ngamnye azive ebonakala, exatyisiwe, kwaye eyinxenye yoluntu lwehlabathi elinabileyo.

11. INkqubo yenzululwazi ngokuFundisa

Ithiyori yoguquguquko yinkqubo yenzululwazi ngokufundisa ejolile lwinqwazi abafundi abahlula nabaqonda ngayo imiba ebalulekileyo yengcamango ngokubona **ugquguquko** kokufundiswayo. Uluvo olungundoqo kokuba abafundi baqonda ingcamango ngokunzulu ngokungaphayisa kufunika imizekelo emininzi kunye nokungeyomizekelo okugxininisa umahluko nokufana kwisifundo esithile.

Uluvo olungundoqo **IweThiyori yoGuquguquko** kokuba abafundi bafunda ngokungcono xa bebona umahluko nokufana kokufundiswayo. Indulula ukuba abafundi abanakuyiqonda ngokupheleleyo into ngaphandle kokuba bayayibona kwiindlela okanye kwiimeko ezahlukeneyo. Ngokubonisa ukuba ingcamango iyintoni na kwaye ayiyontoni na, abafundi bakokujolisa kokona kubalulekileyo.

Ngokulula, **ukufunda ingcamango nokwaneleyo, umfundi kufuneka abone okutshintshayo nokuhlala kunjalo.** Uku kubanceda ukuba baqaphele iinxenye ezibalulekileyo zoluvo. Singokutshintshala, singanceda ngokubonisa imizekelo eyahlukeneyo egxininisa umahluko, senzele lula abafundi ukuba baqonde ngokunzulu.

Imiba engundoqo ithiyori yoguquguquko ekufundiseni nasekufundeni iquka:

11.1. Ukuqonda kwiMpawu eziBalulekileyo: Utitshala uchonga iimpawu ezibalulekileyo zingcamango aze athi thaca uguquguquko olugxininisa ezo mpawu.

11.2. Ipateni zoGuquguquko: Utitshala usebenzisa iipateni ezahlukeneyo ukunceda abafundi babone okuguqukayo kwaye nokuba kokuphi okuhlala kunjalo. Ezi pateni ziquka:

- **Umahluko:** Ukuthi thaca imizekelo echaseneyo ukugxininisa umahluko.
- **Ukuquka:** Ukubonisa uguquguquko kwingcamango ukuqonda ukusetyenziswa ngokubanzi.

- **Ukwahlula:** Ukuthi thaca uphawu ngalunye lodwa ukujolisa kukubaluleka kwalo.
- **Ukudibanisa:** Ukudibanisa iimpawu ezibalulekileyo ukubona indlela ezisebenzisana ngayo nengcamango.

11.3. Inggqiqo: Ngokufumana imizekelo eyahlukahlukeneyo, abafundi bangaqonda imiba ebalulekileyo baze baphuhlise ukuqonda ingcamango ngokunzulu.

12. Indlela yokufundisa ukuFakwa kweFuthe ngokweKhowudi nofundo ngeeRhothi

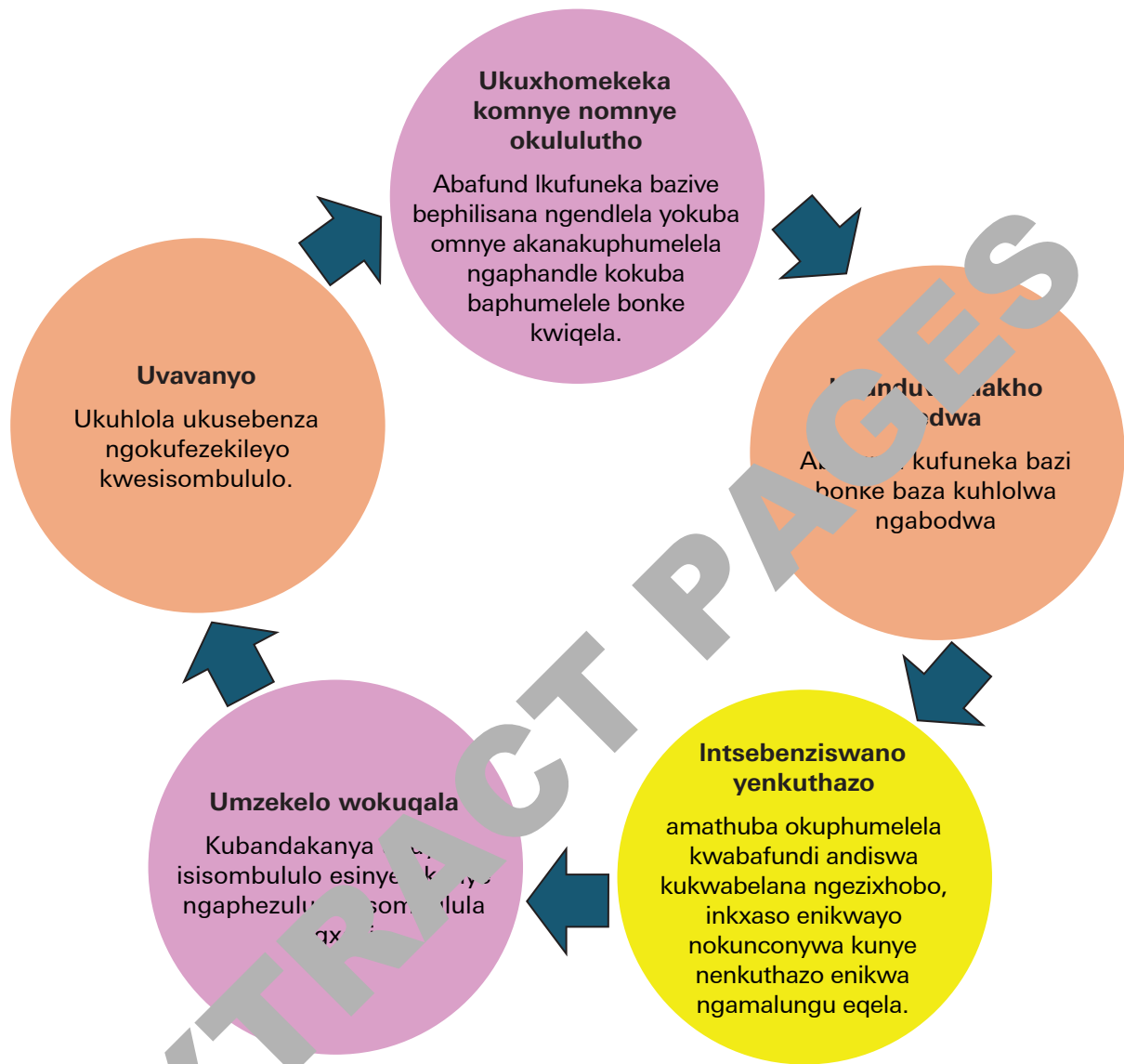
Ukufundisa nokufunda kuza kuthatha isicwangcisoqinisekisiwe nokufunda okusekelwe kwingxaki, kugxininiswa inkqubo esebenzayo, emile kufutshani.

UkuFunda okuSekelwe kwiNgxaki OKA	UkuFunda kweMveli
<ul style="list-style-type: none"> • Abafundi basebenza ngokwamaqela ukusombulula iingxaki zokwenyani zokuphila. • Ukuphuhlisa ukusebenza ngokwamaqela, unxibelelwano nezakhono zophando. • Ukwandiswa kwezakhono zokucinga ngokuhlaba amadlala nezokusombulula iingxaki. 	<ul style="list-style-type: none"> • Ngutitshala nabenze imiyalelo. • Abafundi banikwa ulwazi ngaphandle kokuzama ngokwamaqela. • Ukwomekeka ekufundeni ngentloko.

12.1. UkuFunda ngentsebenziswano

Ukufunda ngentsebenziswano yindlela yokufundisa apho abafundi basebenza kunye ngokwamaqela amancinane, bencedisana ukufunda. Oku kwenza ukufunda kuba mnandi kwaye kubanceda ukuba baphucule izakhono zabo.

Imisebenzi yokufunda neendima zimiswa ngendlela ngutitshala kwaye azibeke iliso kwaye iingxaki ngalinye leqela libeka iliso indlela abaqhuba ngayo izifundo zabo zanye. Ukuphumeza ngokuyimpumelelo ukufunda ngentsebenziswano, ababhali abakhokeleyo kwinkalo (uDavid Johnson noRodger Johnson) bagxininisa ukuvuselelwa ngenjongo kweenxalenye ezintlanu ezisisiseko (Johnson & Johnson, 2021:55-56)



12.2. Ulungelelwaniso lweenkqubo lwezibini

Ulungelelwaniso lweenkqubo lwezibini yindlela yokufundisa apho abafundi ababini besebenza kunye ukugqiba umsebenzi otyunjelwe ukwenziwa okanye injongo ekwabelwana ngayo. Ulungelelwaniso lweenkqubo lwezibini lusuka kwishishini lolungelelwaniso lweenkqubo. Kwimeko yesikolo, umfundi omnye uza kudlala indima yokuba ngu-“mqhubi”, aze omnye umfundi abe ngu-“mlawuli”

Umqhubi = usebenza kwikhibhodi okanye ubhala ephepheni.

Umlawuli = usebenzisa imithombo aze ahlole umsebenzi womqhubi.

Kule sethi yeencwadi, imisebenzi yegridi emininzi iza kubandakanya umfundi omnye osebenza njengo- “khowudayo,” oza kuyila inkqubo ye-“robhothi.” Omnye umfundi uza kudlala indima yokuba yi-“robhothi,” elandela imiyalelo yokhowudayo.

12.3. Uqheliso oluneNjongo

Ukufakwa kwedatha ngokweekhowudi nofundo ngeerobhothi kufuna ukucinga ngokuhlaba amadlala, ukujolisa, noqheliso lwarhoqo. Olu qheliso kufuneka ube nenjongo, lucwangcise ngokufezekileyo, kwaye lwakhiwe kancinane kwezazi eselikhona. Uqheliso olunenjongo lubandakanya ukumisela iinjongo ezikodwa, ukufumana ingxelo yempendulo, nokwenza iinzame ezijolisayo ukukomeleza izakhono.

12.4. Ubunzululwazi bokufunda

Ikharityhulam ikhokelwa bubunzululwazi bokufunda okuchonga ezona zicwangcisoqhinga zingcono ngokusekelwe kubungqina obuphucula ukugcinwa kwexesha elide kwaye okomeleza iziphundo zokufunda.

13. Ulawulo lwesifundo olunempumelelo

Cwangcisa kwangaPhambili

Ququzelela izifundo ezineenjongo ezicacileyo nezineemathiri ezilungileyo. Ukukongca ixesha kwaye kugcinwa abafundi bejolis

Yigcine ngokulula

Yahlula imisebenzi etyunjelwe ukwenziwa ibe ngamanyathelo amancinane, ekunokuba lula ukuba abafundi bakho bawalandele.

Hlala ulungele ukuTshintsha

Lungela ukuhlehlengisa isifundo sakho ukuba abafundi bayasokola okanye ukuba kukho iziphazamiso.

Babandakanye abafundi

Sebenzisa imisebenzi eyahlukeneyo ukugcina abafundi besemdleni kwaye ubakhuthaze ukuba bathabathe inxaxheba.

Ukulawula iXesha

Hlala kwishedyuli kodwa nika ithuba abafundi babuze imibuzo baze baphonononge izimvo ezintsha.

14. Ukulawula iiklasi ezinkulu

Ukulawula iiklasi ezinkulu, okuxhaphakileyo kwizikolo ezininzi, kungumngeni. Ukumisela izikhokelo zokufunda ngentsebenziswano kunceda ukuqhuba uluntu olufundayo olunentlonipho, oluqakayo. Ukubandakanya abafundi ukuseka iinjongo zendlela yokuziphatha nokufunda kukhuthaza ubumnini bemigaqo nokulindelweyo.

Izicwangcisoqhinga zolawulo lweklasi olusebenzayo ziquka:

- Ukumisela imida: Nxibelelana ngokucacileyo ngemigaqo nemida kwasekuqaleni uze uqhubeke nokuzomeleza.
- Umsebenzi wemihla ngemihla nobume: Ukulondoloza imisebenzi yemihla ngemihla ezinzileyo kunceda ukulawula iiklasi ezinkulu.
- Umsebenzi woontanga: Ukubeka ngababini okanye ngamaqela abafundi kukhuthaza ukufundiswa koontanga, intsebenziswano, kunye nolwabelwano ngoxanduva.
- Izixhobo zokufundisa ezibonwayo nezimanyenisi: Sebenzisa izixhobo zokufundisa ezibonwayo (iipowusta, imiqondiso yezandla) nemiqondiso emanyelwayo (umculo, ukuqhwaba) ukuze uqomeleze imiyalelo.
- Umyalelo wokwahlula: Lungisa izifundo ngendlela yokuhlangabezana neemfuno ezahlukeneyo zabafundi baseklasini.
- Kubalulekile ukukhumbulisa abantwana bangabantu ngokuzimeleyo, kwaye akunyanzelekanga ukuba uqoke ukuqonda nolwazi kuzo zonke iinkcubeko neemvelaphi. Ukufunda kusiiphumo samava. Umfundi ngamnye unolwazi lwakhe analo ngokufunda kumava angaphambili; ngamnye ufana yedwa.
- Ukuba ufundi abafundi bakho babe ngabona bangcono, kufuneka ufake engqondweni yabo ukuzithemba. Umfundi ozithembileyo ngulowo ovulekileyo noyilindelelo imingeni kwaye ke ngoko uza kuziqonda ngokukhawuleza iingcamango ezintsha.
- Ukuba inekobume ekhuselekileyo apho abafundi bekulangazelela ukuthatha iingcamango nokwenza iimpazamo kuqhelekile kwaye kuyinxenye yenkqubo yokufunda. Nika ithuba abafundi ukuba babe nempumelelo xa beqalisa uhambo lwabo lokufunda izakhono ezingundoqo ezibandakanyiweyo kwisiNgesi sesiGaba sabaQalayo. Oku kuthetha ukuqalisa kwinqanaba labo, ukuxhasa okwethutyana, kunye nokubaxhasa ngelixa befunda ulwimi olutsha kunye neengcamango zelitheresi.
- BAKHOLELWE ABAFUNDI BAKHO! Umfundi ngamnye kufuneka azi ukuba umntu uyabakholelwa, kwaye nokuba baza kuphumelela.

15. Ukusebenzisa uMsebenzi wobuChule noweziVo ekuFundeni

Ukubandakanya imisebenzi yobuchule kwimisebenzi yemihla ngemihla yaseklasini kungabandakanya abafundi kwaye komeleze umbono wabo wemekobume yokufunda. Umculo, umzekelo, usetyenziswa kwihlabathi jikelele ukuyila imigomo elulutho, ulungise isimo sengqondo, kwaye uxhase uphuhliso lokufunda. Iziqhulungwane lubonisa ukuba umculo unceda ukuqulunqwa kobuchopho, intetho, kwaye nokugcina ukufunda. Ukuba usebenzisa umculo, qinisekisa ukuba awunamperobho okanye ingantlanga kubafundi abaneengxaki zezivo okanye zokuva ngokubambanyisa abafundi ekuchongweni komculo ukwenza oko kube ngamava aqinisekileyo.

Intshukumo, ukucula, nokutshanta kungakhuthaza abafundi abaneengxaki kubancede ukugcina ngokuphindaphinda, ngesicengcelezo, kunye nokusebenzisa imisebenzi wokushukumisa umzimba. Le misebenzi yongeza imisebenzi yemihla ngemihla eyahlukahlukeneyo kwaye ukufunda kube mnandi.

16. Imekobume eyenye

Ukwazisa iimekobume ezahlukeneyo okanye ukutshintsha indlela ecwangcise ngayo iklasi kungavuselela ukufunda. Imamanye amaxesha ukubamba iklasi phandle okanye ukulungisa kwakho isithuba esiseklasini kungaluncedo. Ukuba izihlandlo zotyelelo olufutshane kungaphandle kwekhampasi azinakwenzeka, ukutshintsha nje iklasi, kungatshintsha iindlela zokuhlala okanye ukubeka imathiriyeli entsha kungacina imekobume iguquguquka.

Izihlandlo zotyelelo olufutshane, xa kunokwenzeka, zinika amathuba okufunda ngamava. Qinisekisa rhoqo ngokuthobela izikhokelo zakho zesikolo xa ucwangcisa ihambo. Ukuba izihlandlo zotyelelo olufutshane azinakukhethwa, cela abazazi abahlali ukuba benze igalelo lezinto ezinxulumene nezihloko ezifunakwayo ukwenza ukufunda kubandakanye ngakumbi.

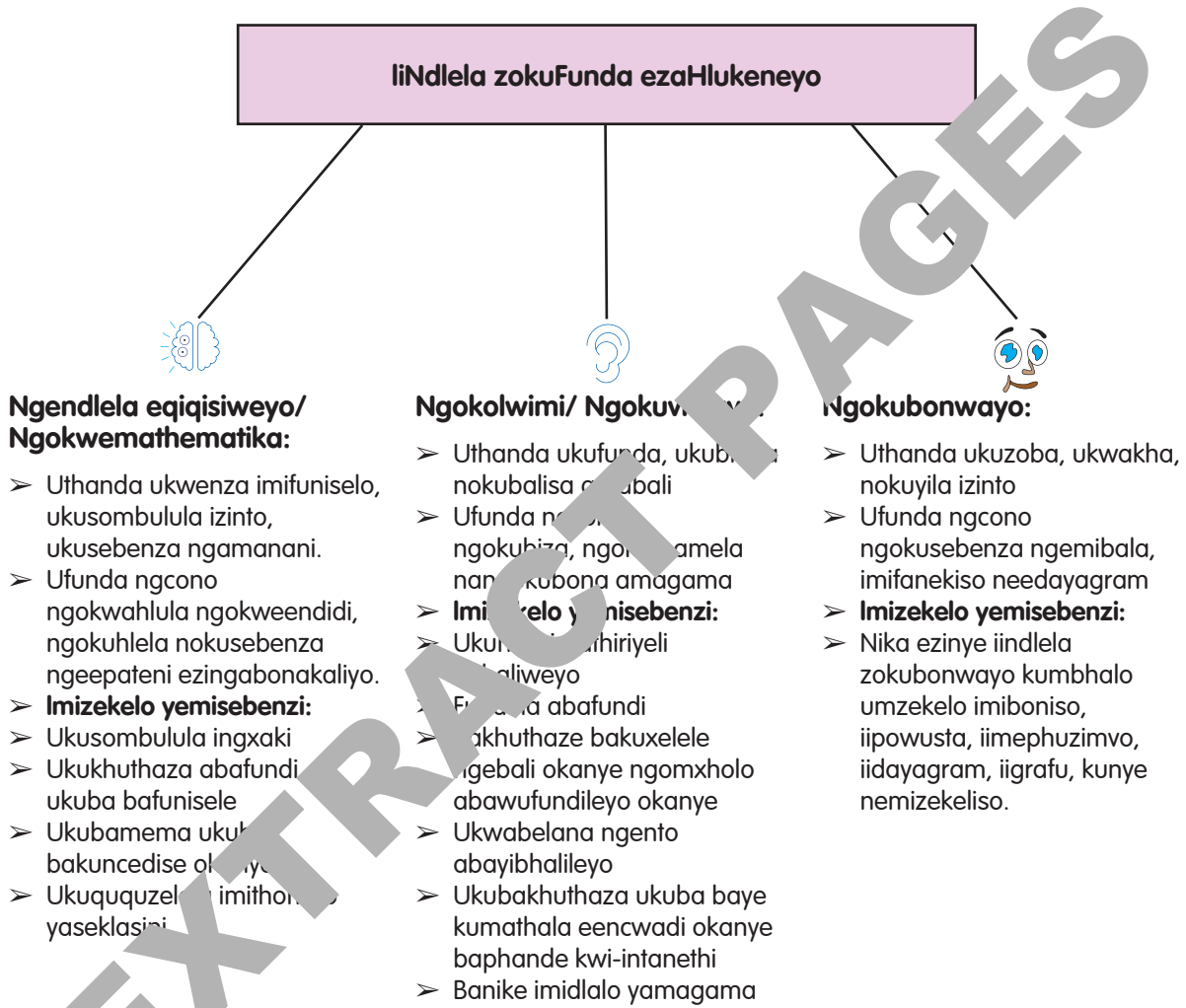
17. Ukuxhasa iindlela zokufunda ezahluukahlukeneyo

17.1. Qonda ukuba abafundi abahlukeneyo bafunda ngokwahlukene

Sonke sifumana ulwazi, silungise kwaye sivakalise ulwazi ngokwahlukene ngokuxhomekeka kwindlela yethu yokufunda. Khumbula ukuba eklasini yakho kuza kubakho abafundi abandlela yabo yokufunda yahlukileyo kweyakho.

Thetha ngeendlela zokufunda ezahlukeneyo eziklasini. Abanye abantwana bakhetha ukubona ulwazi olutsha, ngelixa abanye befunda ngcono ngokuva ngalo.

Ukuba ungahlangabezana nezi ndlela zokufunda zahlukeneyo, oko kuza kwandisa izakhono zabafundi, kuphucule ukuzithemba.



18. Ukuba seMpilweni kukaTitshala

Ukufundisa likhondo elinoxinzelelo oluphezulu. Ayilokhondo elixakekisayo nje kuphela, elinemingeni emininzi yemithombo, linokubonakalisa kwakhona iingozi ezininzi kwilizwe elinamazinga aphezulu olwaphulomthetho nobundlobongela. Ngenxa yezi zizathu kunyanzelekile ukuba ube neenkqubo zokuzikhathalela, uyekelele uxinzelelo uze ulungise amava azo neenkxalabo ngokunjalo.

Ukunyamekela nokucamngca

Thatha imizuzu embalwa usuku ngalunye uphumle ngokunyamekela. Imithambo yokuphefumla nokuzolisa iingcinga zakho kunganceda ukunciphisa uxinzelelo. Imithombo engahlawulelwayo yokucamngca iyafumaneka kwi-intanethi kwaye uyangenza eklasini yakho xa kuthulekile.

Yakha uluntu olunenkxaso

Ngena okanye yila iqela lezinye iititshala ukulungiselela inkxaso nokufundisa. Ukwabelana ngamava nabanye kungakanceda uhlangabezane nemingono kufundisa kwaye kunike imibono emitsha.

Indlela yokuPhila ngokuseMpilweni

Hlala ngokutya okondla ncam, hlala ngokwenza imithambo, kwaye ulikhathalele ilizwi lakho. Imikhwa elula yemihla ngemihla kukuhlala nokubela amanzi, usitya izidlo ezondlayo, kwaye ukwenza imithambo rhoqo kuza kubona amazinga amandla akho ephezulu kwaye kukhusele impilo yakho.

Impilo yengqondo neyovakalelo

Ukufundisa abantwana abancinane abasibichengeni kungaxakekisa ngokovakalelo. Kubalulekile ukuba ube nendawo ezisetyenzekileyo okanye indawo apho unokuthetha ngezinto eziluxanduva lwakho ukulungise umthwalo wengqondo yendima yakho.

19. Uhlolo

Uhlolo luquka iindlela ezahlukahlukeneyo ezisetyenziselwa ukulinganisa inkqubelaphambili yabafundi nokuqonda kwimathematika. Alukho nje malunga neemvavanyo malunga nokuphonononga indlela abafundi abaqonda ngayo iingcinga ngobaze basebenzise izakhono zabo. Uhlolo oluqhubekayo lwabafundi besibabesabaqalayo luqhuba ukubeka iliso okuqhubekayo kwenkqubelaphambili yommandi kunye neziphumo zokufundisa. Kukuvumela ukuba uphicothe iindlela zakho nokuqhubela phambili komfundi kwaye wenze izigqibo zokuyalela ezifanelekileyo, zemihla ngemihla. Uhlolo kufuneka ludityaniswe ngokuzenzekelayo kwinkqubo yokufundisa nokufunda kusetyenziswa iindlela ezibandakanyayo, ezonwabisayo nezikhuthazayo ukuze abafundi bathabathe inxaxheba ngokuzimiseleyo.

Uhlolo luquka iindlela ezahlukahlukeneyo zokulinganisa inkqubelaphambili yabafundi nokuqonda. Uhlolo lwarhoqo lunceda ukuba ubone indlela abaqonda

kakuhle ngayo iingcamango abafundi baze basebenzise izakhono zabo. Kwisigaba sabaqalayo, uhlolo oluqhubekayo lunika ithuba ukubekwa kweliso okuqhubekayo kwenkqubelaphambili yomfundi nokusebenza kokufundisa. Oku kukunceda ukuba uphicothe iindlela zakho zokufundisa nokukhula komfundi, kukuncede ukuba wenze izigqibo zemiyalelo ezisekelwe kulwazi, zemihla ngemihla.

19.1. Uhlolo lokufunda

Uhlolo lokufunda ludityaniswa ngokuzenzekelayo kwinkqubo yakho yokufundisa, apho iindlela ezonwabisayo, ezibandakanyayo, nezixhasayo zikhuthaza ukuchabatha inxaxheba kwabafundi ngokuzimiseleyo. Kunceda ukuba uqaphelele abafundi bafuna khona inkxaso kwaye kukhokele ukufundisa kwakho kakhona abezane nezidingo zabo.

<p>Qwalasela ngelixa lemisebenzi</p> <p>Qaphela indlela abafundi abaqhuba ngayo imisebenzi etyunjelwe ukwenziwa kwaye ubuze imibuzo ekhokelayo ukubaxhasa.</p>	<p>Oobhontsi phezulu, oobhontsi Phantsi</p> <p>Sebenzisa oku emva kwesifundo njengokukhanya ngokukhawulezileyo ukuqonda kwabafundi.</p>	<p>Ukuzimiseleyo</p> <p>Abafundi bazoba ubuso obobhothi obungqinelana neemvakalelo abo ngendlela abenze kakuhle ngayo umsebenzi.</p>	<p>Ulungelelwaniso lweenkqubo lwezibini</p> <p>Abafundi bacinga ngokuzimeleyo, baxoxa nomhlobo, baze okulandelayo babelane neklasi ukuhlola ukuqonda.</p>
<p>Inqanaba yempendulo yontango</p> <p>Abafundi babelana nomsebenzi abafunda nabo eklasini baze banike ingxelo yempendulo elula eyakhayo ukubonisa umsebenzi wabo.</p>	<p>Imisebenzi yomzimba wonke</p> <p>Imisebenzi etyunjelwe ukwenziwa eyonwabisayo, yentsebenziswano ikunika ithuba lokuba uqwalasele izakhono ngelixa kanye yenziwayo.</p>	<p>Imibuzo ngexesha lezifundo</p> <p>Sebenzisa imibuzo engafuni impendulo engu-ewe okanye enguhayi ukukhuthaza abafundi ukuba bachaze ukucinga kwabo nokuqqa.</p>	

19.2. Uhlolo njengokufunda

Uhlolo njengokufunda lubandakanya abafundi bebonakalisa inkqubelaphambili yabo, lubakhuthaza ukuba bathathe uxanduva lokufunda kwabo. Ngenxa yoku, bahlola ngokuzimiseleyo ukuqonda kwabo, okukhuthaza ukufunda ngokunzulu nokuziqonda.

19.3 Ukuhlola ukufunda

Ukuhlola ukufunda kukunika ubungqina bokuphumelela komfuno ngesha elithile, kukunceda ukuba uqikelele inkqubelaphambili iyonke uze iphambili izigqibo ezisekelwe kulwazi ngokuqhubela phambili kwabo.

19.4 Izikhokelo zoVavanyo

Izikhokelo zokuvavanya izakhono kunye nobuchule kwikhowudi neeRobhothi zeSigaba seSiseko zinikiwe. Izikhokelo zokuvavanya nobuchule obusebenzayo kunye nethiyori kwikota nganye zibandakanyiwe kugqibeleni.

20. Ikhowudi yokunika amanqaku

IKHOWUDI YOKUNIKA AMANQAKU	INKCAZELO YOBUKRELEKRELE	IPESENTEJI
7	Impumelelo ebalaseleyo	80 – 100
6	Impumelelo eyanele ukuvuzwa	70 – 79
5	Impumelelo yokwenene	60 – 69
4	Impumelelo eyaneleyo	50 – 59
3	Impumelelo ephakathi	40 – 49
2	Impumelelo esisiseko	30 – 39
1	Akaphumelelanga	0 – 29

21. IsiCwangciso sokuFundisa Cetyiswayo:

Isigaba 3

Ikota 1:		
Veki	Isihloko	Ubukrelekrele
1.	Ndihamba ngeyiphi indlela?	C1 C2 C3
2.	Konke kumalunga nam	C1 C2 C3 R1 R2 D2
3.	Masizobe	C3 R6 D1 D6
4.	Yintoni uvakalelo?	C2 C3 D3
5.	Ikiti yam yoncedo lokuqala	C2 R5 D2
6.	Ukukhetha okusempilweni	C2 C3
7.	Masakheni imo	C1 R5
8.	Umzila wama-buxhaka naka bale	C2 D2 D3
9.	Amangelo akho namalungelo am	C1 C2 C3 R1 R2 R6 D2
10.	Ndinoxanduva njani?	C2 C3 R1 R2 R6 D2

Ikota 2:

Veki	Isihloko	Ubukrelekrele
1.	Yitya iikhabhohayidreyithi ezisempilweni	C1 C2 C3 C6
2.	Kufuneka ndikhethe	C1 D2
3.	Iprotheyini elungileyo neemveliso zobisi	C2 C3 R1 R2
4.	Iintsholongwane ezithandekayo	C1 C2 C3
5.	Kuthetha ukuthini?	C1 C2 C3 D1 D2
6.	Vintoni ingxaki?	C1 R5
7.	Thatha amanyathelo alandelayo	C1 C2 R5
8.	Imijikelo yobomi	C1 C2 C3 R6
9.	Sombuleni ingxaki yemimandla	C2 C3 D1 D2 R6
10.	Sebenzisa kwakhona, lungiselela usetyenziso ngokutsha, Nciphisa	C1 C2 C3

Ikota 3:

Veki	Isihloko	Ubukrelekrele
1.	Abantu abasancedayo	D5 C2 C3 D3 R2
2.	Ukushicilela iipateni	C3 C4 C6 C7 D2 D3
3.	Ukulwa ungcoliseko	D3 D4 C2 C3 R2 R4
4.	Ukwenza isitya sentlami yamaphepha esiliweyo	C1 C2 R5 D2
5.	Ukufaka idatha ngokweekhowudi ngeBraille	C1 C4 D8
6.	Ukuhombisa isitya sakho	C2 C3 C6 C7 D1 D2
7.	Ukubhuthintshisa ngayo ukuchwepheshe	C2 D4 D5
8.	Ukubhuthintshisa emajukujukwini	C1 R2 R3 R4
9.	Emajukujukwini	C1 C2 R2 D3 D7

10.	Ukuphononongainkqubo yelanga	C2 R2 R6 D4
Ikota 4:		
Veki	Isihloko	Ubukrelekrele
1.	limveliso neenkqubo	C1 C2 C3 D1
2.	lirobhothi emsebenzini	C4 C5 C3 R2 R3 R4
3.	lirobhothi zokuhlangula	C3 C6 C7 R5
4.	Ukugqiba isakhelo sakho	C2 R5
5.	Ukunyamezela isaqhwithi	C2 C3 D4
6.	Ukulinganisa imozulu	C3 C5 C6 C7 D3
7.	Ukukhwa kwelatha nokwekhowudi - buyimfihlo opolwethu	C2 C3 C5 D5 D7 D8 D9
8.	Ubuchwepheshe obusancedayo	C2 C4 C5 D1 D3 D4 D6

9.	lzilwanyana ezisancedayo	C2 C4 C6 D8
10.	linyosi ezixakekileyo ezintle	C1 C2 C3 C4 C5 R6

EXTRACT PAGES

EXTRACT PAGES

Ikota 1 Iveki 1: Kuza kuthini ukuba? Ngoko ke kuza kuthini?

Inkalo ekujoliswe kuyo Imithombo ekucetyiswa ngayo	Ukufakwa kwedatha ngokweehowudi	
	Masiqalise	Umsebenzi 1
	<ul style="list-style-type: none"> • INcwadi yabaFundi 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Amakhadi okufakwa kwedatha ngokweehowudi • Iigradi
Ubukrelekrele	C1 C2 C3	
Izakhono	Abafundi baza kufunda: <ul style="list-style-type: none"> ✓ Ukusebenzisa izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane uze uyilikhohlise ✓ Ukuqhuba ikhowudi ✓ Ukuchonga, ukukhuphela baqagqibe iipateni 	
Ulwazi	Abafundi baza kukwenza oku ngokwenyani: <ul style="list-style-type: none"> ✓ Basebenzise izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane nokuyila ikhowudi ✓ Baqhube ikhowudi ✓ Bachonge ukukhuphele kwaye baqagqibe iipateni 	

Ubusazi?

Ukuba inkcazelo UKUBA ikunika ngokuba ukhethe ngokubhekiselele kwiimeko ezithile.

Ingxaki

Jonga umfanekiso okuthetha ngendlela uBinkie ekufuneka athathe ngayo isigqibo sokuba aqokelele impahla yakhe yezemidlalo ukulungiselela uMhla wezeMidlalo okanye impahla yakhe yesiqhelo. Athathani isigqibo? UBinkie kufuneka ajike ekunene ukuqokelela impahla yakhe yezemidlalo okanye ajike ekhohlo ukuqokelela impahla yakhe yesiqhelo. Ukwazisa iinkcazelo UKUBA no-NGOKO KE neemeko. UKUBA uqokelela impahla yakhe yezemidlalo, NGOKO KE angathathani inxaxheba kuMhla wezeMidlalo.

Ufanele ukukweli phi icala uBinkie?

Masiqalise

- Khankanya imifanekiso ekwincwadi yabafundi uze ubuze abafundi ukuba ikhona na ipateni.
- Nika ithuba abafundi banike elabo igalelo.
- Buza abantwana ukuba bacinga ukuba ulandelelwaniso yintoni na. Bayeke bajonge ulandelelwaniso abaluboniswa nguDali baze batsho abakubonayo. Ungabuza abafundi ukuba kokuphi okuza kuqala,
- Cela abafundi banike imizekelo yolandelelwaniso okanye yepateni.
- Khumbuza abafundi ukuba ulandelelwaniso nepateni yintoni na ngokusebenza imizekelo yokwenyani.
- Khokela abafundi kodwa ungabaniki iimpendulo.

EXTRACT PAGES

Umsebenzi 1

Ikota 1 Iveki 1

Isikhokelo somsebenzi

Qokelela izinto

Igridi 1

- Yahlula abafundi babe ngamaqela amane.
- Xelela abafundi ukuba bajonge igridi baze bakhankanye impahla yezeze ulalo neyesiqhelo. Ungabacela ukuba babeke umnwe kwitopu yezemidlalo ephelolwu, ikawusi ezimhlophe, okanye iT-shethi eorenji.
- Chazela abafundi ukuba injongo kukuyila ikhowudi kutolo oluluhlaza kwintlobo nepere yejini ebhulowu.
- Khumbuza wonke umntu ukuba bangahamba ibhloko enye ngexesha. Bangasebenzisa amakhadi okufakwa kwedatha ngokweekhowudi ukuya phambili ukujika ekunene, ukujika ekhohlo, ukutsiba ngaphaya nokuphinda.
- Xelela abafundi ukuba banokubona imiqobo endloleni. Baze ukuba leliphi na ikhadi lokufakwa kwedatha ngokweekhowudi ukuya phambili ukuba baza kulisebenzisa ukulumkela imiqobo.
- Xelela abafundi ukuba kufuneka bacwangcise baze bavavanye indlela eyiliweyo.
- Cebisa ukutshintshiselana nomnye umntu ngeendlela eziyiliweyo ukuphengulula.
- Khuthaza abafundi ukuba baphendule imibuzo yokuzihlola ukudandalazisa inkqubo abayilandeleyo.

Ingaba ikhowudi iyisombulule imibuzo?

1. Ewe, kakuhle kakhulu.
2. Kakuhle.
3. Kungangcono.

Igridi 2

- Xelela abafundi ukuba bajonge igridi yesibini baze bakhankanye utolo oluluhlaza, impahla yezeze ulalo, impahla yesiqhelo, baze bamise ibhloko.
- Chazela abafundi ukuba injongo kukuyila ikhowudi kutolo oluluhlaza, bachole impahla yezeze ulalo ezintshu ubuncinane, baze baphele kwibhloko yokuma.
- Khumbuza wonke umntu ukuba bangahamba ibhloko enye ngexesha. Bangasebenzisa amakhadi okufakwa kwedatha ngokweekhowudi ukuya phambili, jikela ekunene, jikela ekhohlo, chola uze uphinde.
- Khumbuza abafundi ukuba kufuneka balumkele impahla yesiqhelo ngokuhamba ukuzijikelezileyo. Abaz' ukulisebenzisa ikhadi lokutsiba ngaphaya njengoko kubenzile ngaphambili.
- Xelela abafundi ukuba kufuneka bacwangcise baze bavavanye indlela eyiliweyo.
- Cebisa ukutshintshiselana neline iqela ngeendlela eziyiliweyo ukuphengulula.
- Khuthaza abafundi ukuba baphendule imibuzo yokuzihlola ukudandalazisa inkqubo abayilandeleyo.

Ingaba ikhowudi ineempazamo?

1. Hayi, akukho zimpazamo.
2. Yimpazamo enye okanye ezimbini.
3. Ewe, kukho iimpazamo ezimbalwa.

Ingaba ikhowudi iyisombulule ingxaki?

1. Ewe, kakuhle kakhulu.
2. Kakuhle.
3. Kungangcono.

Imibuzo emayibuzwe:

- Uyazibona impahla zezemidlalo?
- Ucinga ukuba ungaziqokelela impahla zezemidlalo?
- Zingaphi impahla zezemidlalo oziqokeleleyo?
- Uyifinyezile ikhowudi?

Imisebenzi eyongezelelweyo

- Kubafundi abafuna uqheliso olungaphaya, unganika iinkcazo ezifana, ezinemifanekiso phakathi kweegridi ezincinane.
- Gxininisa kwiindlela zokhetho ezimbini zempahla yezemidlalo neyesiqhelo njengakumsebenzi.
- Kubafundi abaqonda umba ngokukhawuleza, ungong'amaqondo, imizkelo, impahla yesiqhelo enemiqobo. Ungababuzi kwakhona ukuba ingaba indlela abayithathileyo yeyona imfutshane na ukuya apho bafuna ukuya khona.
- Lidiski zingasetyenziswa njengemiqobo enokong'ama ngabafundi kumsebenzi okwiNcwadi yabaFundi.
- Abafundi baza kubhala ikhowudi yabo naze bayivavanye.
- Kufuneka bacele umhlobo nomaanye ikhowudi yabo.
- Kufuneka bazame ukufinyeza ikhowudi.

Ikota 1 Iveki 2: Konke kumalunga nam

Inkalo ekujoliswe kuyo	Ukufakwa kwedatha ngokweekhowudi Ufundo ngeerobhothi Imiba yobuxhakaxhaka bale mihla		
Imithombo ekucetyiswa ngayo	Masiqalise	Umsebenzi 1	Umsebenzi 2
	<ul style="list-style-type: none"> • INcwadi yabaFundi 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Imifanekiso yeendidi ezahlukeneyo zeerobhothi ekuza kuxoxwa ngayo 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Igridi engu-6x6 • Amakhadi ukufakwa kwedatha ngokweekhowudi • Imibuzo ebalumakhadi emibuzweni nesihloko: "Konke kumalunga Nam."
Ubukrelekrele	C1 C2 C3 R1 R2 D2		
Izakhono	Abafundi baza kukwazi: <ul style="list-style-type: none"> ✓ Ukusebenzisa izakhono zendlela yokukhumbula ingxaki ngokweenxenywe ezincinane nokuyila ikhowudi ✓ Ukufakwa ikhowudi ✓ Ukubachonga ukuba yintoni irobhothi ✓ Ukubaxelele iindidi zeerobhothi ✓ Ukubachonga imibuzo enokwazisa ulwazi lobuqu 		
Ulwazi	Abafundi baza kukwenza oku ngokuthi: <ul style="list-style-type: none"> ✓ GLOBAL: delete this screenshot from all of the lessons. ✓ Basebenzise izakhono zendlela yokukhumbula ingxaki ngokweenxenywe ezincinane nokuyila ikhowudi ✓ Baqhube ikhowudi ✓ Bachonge ukuba yintoni irobhothi ✓ Baxelele iindidi zeerobhothi ✓ Bachonge imibuzo enokwazisa ulwazi lobuqu 		

Ubusazi?

Ulwazi lobuqu lukwabizwa ngokuba yidatha yobuqu.

Yazisa ingxaki

UKody angathanda ukuva ngokungaphaya ngeerobhothi. Nceda iirhobhothi ziqokelele imibuzo kwigridi zize ziyiphendule.

Ungazinceda iirobhothi zichonge ulwazi ekukhuselekileyo ukwabelana ngalo, nolungene.

Masiqalise

- Cela abafundi ukuba bajonge emifanekisweni ukuba yintoni na irobhothi. *Irobhothi ngumatshini oyilelwe kwaza kwayilwa inkqubo ngomntu ukuba ilandele imiyalelo kwaye ingasetyenziswa endaweni yomntu ukuba imisebenzi etyunjelwe ukwenziwa ebinokwenziwa ngumntu. Irobhothi iza kwenza izenzo eyalelwe ukuba isenze. Irobhothi inamalungu awahlukeneyo.*
- Chaza ngokulula usebenzisa imifanekiso emithathu enikiweyo: Isicoci seefestile, irobhothi kulwaxhiwo, irobhothi yezemigodi.

Umsobho

Ikota 1 Iveki 2

Isikhokolelo somsebenzi

- Thetha ngeemsebenzi owenziwa yirobhothi nganye. Abafundi banika izindululo.
- Usebenzisa imifanekiso yeendidi ezahlukeneyo zeerobhothi ukuzichonga. Zama ukubonisa indakanya imizekelo eyahlukeneyo yeerobhothi ezintandathu eziboniswe kwiNcwadi yabaFundi (ezasekhaya, ezorhwebo, ezemfundo).

Umsebenzi 2

Ikota 1 Iveki 2

Isikhokelo somsebenzi

Chaza ukuba abafundi kufuneka babe krekrele baze baphendule imibuzo engeyeyobuqu.

1. Abafundi basebenzisa igradi elapha ngezantsi. Babhala ikhowudi. Bangasebenzisa iintolo kuphela ukufikelela kwimibuzo emininzi kangangoko (emalunga namantlathini) abavumela ukuba bayichole. Baneentolo ezili-13: (x2) imiyalelo yokujika kufuneka x2 imiyalelo yokuya phambili, x2 imiyalelo yokujika ekhohlo, (X1) umyalelo wokuqhekeka okuninzi kangangoko unako kunye x2 iithokheni zokuphinda.
2. Ikhowudi kufuneka ithathe amakhadi amthubi amabini kunye nomadibane omnye elinye.
3. Abafundi kufuneka bakhangele ikhowudi yabo.
4. Kufuneka batshintshiselane ngekhawudi nomnye umntu kwintlobo.
5. Okulandelayo kufuneka bafunde ikhowudi yomnye umntu. Abafundi abafunda umbuzo abafika kuwo baze bawuphendule.
6. Banike ithuba lokuvavanya ikhowudi baze basuse impazamo ukuba kuyimfuneko. Okulandelayo banokufinyeza ikhowudi besebenzisa iikhawudi zomyalelo.
7. Iqela liyabolekisa zide zibe zonke iikhawudi zivavanyiwe zaza zafundwa.
 - Ngowuphi umsebenzi wangaphandle owuthandayo?
 - Ungubani igama lakho?
 - Uyakuthanda ukudanisa?
 - Ngubani inombolo yomnxeba wakho?
 - Kokuphi ukutya okuthandayo?
 - Ngowuphi umbala owuthandayo?
 - Ithini idilesi yakho?
 - Ingaba ukhetha iayinithrim okanye isiselo esihlwahlwazayo?
 - Yintoni othanda ukufunda okuphuma kwesikolo?

Imisebenzi eyomeleleyo

- Kusetyenziswa iintlobo ezininzi, abafundi bahambisa amakhadi apho bafunda ukuba baphendule.
- Basabalula izinto zamakhadi emiyalelo.
- Kufuneka bayivavanye baze basuse impazamo apho kuyimfuneko.
- Macele ukuba banike umhlobo ithuba alandele imiyalelo yabo ukubona ukuba bangafikelela na kumakhadi.
- Kufuneka balandele umhlobo wabo ukuba ayigqibe aze athethe ngemiyalelo enikiweyo.
- Okulandelayo baphendula imibuzo ekumakhadi.

Ikota 1 Iveki 3: Masizobe

Inkalo ekujoliswe kuyo Imithombo ekucetyiswa ngayo	Ukufakwa kwedatha ngokweekhowudi		
	Masiqalise	Umsebenzi 1	Umsebenzi 2
	<ul style="list-style-type: none"> • INcwadi yabaFundi 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Igridi enkulu engu-6x6 ebhodini • Igridi zabafundi ezilamineyithiweyo ezingu-6x6 ukuqhuba imiyalelo (20 imifanekiso/20 iigridi ezingenanto) • Ilibhloko zephepha elinombala ogqamileyo ukuchonga imimandla ethile kwigridi. • Ipeni enombala ogqamileyo okanye ipensile 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Igridi enkulu engu-6x6 ebhodini • Igridi zabafundi ezilamineyithiweyo ezingu-6x6 ukuqhuba imiyalelo (20 imifanekiso/20 iigridi ezingenanto) • Ilibhloko zephepha elinombala ogqamileyo ukuchonga imimandla ethile kwigridi. • Ipeni enombala ogqamileyo okanye ipensile
Ubukrelekrele	C3 R6 D1		
Izakhono	Abafundi baza kufunda: <ul style="list-style-type: none"> ✓ Ukusebenzisa izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane nokuyila ikhowudi ✓ Ukuqhuba ikhowudi ✓ Ukuchonga injongo ye-IT ✓ Ukuqonda ukuba bangabemi kwihlabathi lobuxhakaxhaka bale mihla 		
Ulwazi	Abafundi baza kukwenza oku ngokuthi: <ul style="list-style-type: none"> ✓ Basebenzise izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane nokuyila ikhowudi ✓ Baqhube ikhowudi ✓ Bachonge injongo ye-IT ✓ Baqonde ukuba bangabemi kwihlabathi lobuxhakaxhaka bale mihla 		

Ubusazi?

Xa umntu efuna ukunika umyalezo ochanekileyo, kufuneka akwenze oko ngendlela yokuba lowo uva umyalezo, aguqule umyalezo aze awuqonde ngokuchanekileyo. Isigama, ithoni yelizwi kunye nezijekulo zidlala indima ebalulekileyo ukuqinisekisa ukuba umntu ukuqonda okuthethayo ngokuchanekileyo.

Yazisa ingxaki

Abafundi bazobe imifanekiso emihle ngetshokhwe endleleni eya esikolweni. Kodwa ngokuchanekileyo, isaqhwithi sobusuku obudlulileyo sishiye eminye imifanekiso ingagqitywanga. Ingaba abafundi bangayizoba kwakhona? Kufuneka balandele iikhowudi ukugqiba imifanekiso yabafundi.

Masiqalise

- Thetha ngendlela ubuchwepheshe obenzelwe ukuphucula ubomi babantu ngayo. *Ubuchwepheshe zizixhobo ezibandakanywayo ezinje ngokuxelwa yobuchwepheshe, ii-TV, imidlalo yevidiyo kunye needrowuni ezizizixhobo zoBuchwepheshe, oomatshini okanye izixhobo eziyilelwe ukwenza ubomi babantu buhe ngcono ngayo zisombulule iingxaki.*
- Xoxa ngenjongo yobuchwepheshe bolwazi (i-IT). *Ubuchwepheshe bolwazi bubhekiselele kwi-IT. Kusetyenziswayo neqokelelweyo kusetyenziswa iiprogram zekhompyutha neezixhobo zekhompyutha. Oku kuquka imifanekiso, imiyalezo nesandi.*
- Jonga iindawo ezininzi ezahlukeneyo ezisizifumanyayo kubuchwepheshe, jolisa ngokungakumbi kwimizekelo emithandathu enikiweyo.

Umsebenzi

Ikota 1 Iveki 3

Isihloko Umsebenzi

1. Sisebenzisa igradi engenanto uze uchazele abafundi ukuba kufuneka balandele imiyalelo ngokuchanekileyo. Jonga apho indawo yokuqalisa ikhoyo. Ngalo lonke ixesha umyalelo ungu- ipeni phezulu, ibhloko iza kushiyeka ingenanto. Ukuba umyalezo ngu-ipeni phantsi, ibhloko kufuneka iqatywe ngombala ogqamileyo". (ipeni phezulu, ipeni phezulu, ipeni phantsi, jika ekunene, ipeni phezulu ipeni phezulu, ipeni phantsi njalonzalo)
2. Jonga igradi ebhodini uze uyisebenziselele ukukhokela abafundi. Xa sisebenzisa ukufakwa kwedatha ngokweekhowudi okubhekiselele kwiPeni, ipeni/ indlela ihamba kwimigca yegradi, hayi kwiibhloko zegridi.
 - Nika abafundi iikhowudi, ngelixa beqhuba umyalelo kwiigradi ezitafileni zabo.
 - Isigama siza kuba ngu-phambili, phezulu naphantsi, ekhohlo nasekunene. Ipeni phezulu – ipeni phantsi.
 - Abafundi kufuneka batshintshiselane ngeendima neqabane labo baze benze umsebenzi otyunjelwe ukwenziwa kwakhona.

Umsebenzi 2

Ikota 1 Iveki 3

Isikhokelo somsebenzi

1. Abafundi bazoba umfanekiso kwimigca yegridi.
 - Abafundi bayafulathelana kwaye kufuneka bamamele imiyalelo yokhowudayo ukugqiba igridi enikiweyo.
 - Umfundi omnye unomfanekiso ogqityiweyo kwaye omnye umfundi unenani nepeni enombala ogqamileyo ukusebenza kuyo.
 - Xa irobhothi isiva ipeni phantsi – kufuneka igqume loo bhloko ithile kwaye ukugqiba umfanekiso.
 - Xa umfanekiso ugqityiwe, bobabini abafundi bayajika kwaye bafuneka bamamele umfanekiso ogqityiweyo nalowo okhowudayo anawo. Ingaba ikhowude ngokuchanekileyo? Ingaba udikhowude ngokuchanekileyo? Chona upho wenze khona impazamo? Yeyiphi ikhowudi ebimele ukuba ilapho?
 - Hlalani ngababini nifulathelene- umfundi omnye ufumana umfanekiso aze akhowude iqabane lakhe ukugqiba umfanekiso esebenzisa ifakhe kwedatha ngokweekhowudi okubhekiselele kwiPeni. Thetha nabafundi ngokuchanekileyo. Ingaba imifanekiso ikhangeleka ngokufanayo?
2. Abafundi bakhuphela imifanekiso emihlathe kwiigridi.

Imisebenzi eyongezelelweyo

- Sebenzisa igridi efanayo nehafu yemifanekiso. Abafundi kufuneka bakhwude ukugqiba igridi ngokusebenzisa imigca neekholam. Chonga iibhloko eziyimfuneko nezikweri ezinemibala egqamileyo ze ngakumbi begridi.

Ikota 1 Iveki 4: Yintoni uvakalelo?

Inkalo ekujoliswe kuyo	Ukufakwa kwedatha ngokweekhowudi lingqikelelo zobuxhakaxhaka bale mihla		
Imithombo ekucetyiswa ngayo	Masiqalise	Umsebenzi 1	Umsebenzi 2
	<ul style="list-style-type: none"> • INcwadi yabaFundi 	<ul style="list-style-type: none"> • INcwadi yabaFundi 	<ul style="list-style-type: none"> • INcwadi yabaFundi • Igridi engu-6x6 • libhloko ezinemibala egqamileyo ezineemvakalelo ezincinane • Amakhonkco okufakwa kwedatha ngokweekhowudi
Ubukrelekrele	C2 C3 D3		
Izakhono	Abafundi baza kufunda: <ul style="list-style-type: none"> ✓ Ukusebenzisa izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane nokuyila ikhowudi ✓ Ukwenza ikhowudi ngokweemvakalelo ✓ Ukubonisa ukuqondwa komba wesixhobo sokufakwa kolwazi kwikhompyutha. 		
Ulwazi	Abafundi baza kwenza oku ngokuthi: <ul style="list-style-type: none"> ✓ Basebenzise izakhono zendlela yokukhumbula ingxaki ngokweenxenye ezincinane nokuyila ikhowudi ✓ Basebenzise ikhowudi ngokweemvakalelo ✓ Babonise ukuqondwa komba wesixhobo sokufakwa kolwazi kwikhompyutha 		

Ubusazi?

Izixhobo zokufaka ulwazi kwikhompyutha zigcina kwaye zilungisa idatha. Kusetyenziswa uqhagamso olwano lwe-Wi-Fi/lwedatha, le datha ingahlengahlengiswa, ikhunjulwe, ize idluliselwe kwezinye izixhobo.

Yenza ingxaki

Ungabonisa abasokola ukuchonga iimvakalelo zomntu. Nceda uZaza aqonde aze abonakalise umabeko phakathi kweemvakalelo zabantu. Ungabona njani ukuba umntu uva ntoni?

Masiqalise

- Xelela abafundi bajonge imifanekiso kwiNcwadi yabaFundi. Bacele bachaze abakubonayo.
- Chaza ukuba oomatshini bangasebenza ngolwazi olunje ngamanani, imifanekiso, imiqondiso nesandi. Oku sikubiza ngokuba yidatha yolwazi. Jonga imizekelo emithandathu enikiweyo.
- Izixhobo zokufaka ulwazi kwikhompyutha zigcina ulwazi, iinkcukacha zoqhagamshelwano imifanekiso, njalunjalo. Inesiqulathilwazi.
- Ukuba isixhobo sinikwe imiyalelo echanekileyo – singalungisa ulwazi okanye sisebenzise abafundi.

Umsebenzi 1

Ikota 1 Iveki 4

Isikhokelo somsebenzi

Tshatisa imvakalelo

1. Abafundi bajonga imifanekiso baze bafanekethe iiayikhamoni ezingqinelanayo.
 - Umntwana owonwabileyo = iiayikhamoni eyonwabileyo (3)
 - Umntwana odiniweyo = iiayikhamoni eadiniweyo (2)

Umsebenzi 2

Ikota 1 Iveki 4

Isikhokelo somsebenzi

Thathu ngeqela esiva ngayo iimvakalelo ezahlukeneyo yonke imihla.

1. Abafundi basebenzisa igridi esekunene kwiNcwadi yabaFundi.
 - a. Basebenzisa unxantathu 1 ukubhala ikhowudi yokuqokelela zonke iimvakalelo (5) kwigridi. Bakhangela ikhowudi. Basusa impazamo.
 - b. Abafundi basebenzisa unxantathu 2.
 - a. Babhala ikhowudi ukuqokelela zonke iimvakalelo (5 kwigridi)
 - b. Bakhangela ikhowudi.
 - c. Basusa impazamo.
3. Abafundi bathatha isigqibo sendlela abayikhethayo.
4. Bafinyeza ikhowudi yaleyo bayikhethayo.

Imisebenzi eyongezelweyo

Lo msebenzi unokwenziwa ngawo nawuphi na umxholo okanye isihloko. Sebenzisa nje ulwakhiwo olufanayo.

- Abafundi banganikwa imikhondo okanye imibuzo ukuvavanya ulwazi lwabo. Nika abafundi umkhondo. Buza umbuzo ubanike ithuba

EXTRACT PAGES