**ISIFUNDO 4 - GOOGLE ISIFUNDO 4 - GOOGLE**

**ISIFUNDO 4**

**i*Google***

**Injongo Zokufunda [Isikhathi imizuzu: engu45-60]**

• Abafundi bazi indlela zokusebenzisa i*Google* ukufinyelela ulwazi kuyinthanethi.

• Abafundi bazwisise ububanzi bolwazi olukhona njalo bayakujabulela baphinde bakulangazelele ukufinyelela ulwazi olufaneleyo kuyinthanethi.

**Impahla ozayifuna:**

Insiba, iphepha lephepha lokunamathisela

Umakhalekhukhwini ophucukileyo

Imivuzo engatsho lutho

Igwaliba elilodwa elitshengisa nge*Youtube*

Ingwadlanyana zengcazelo yamabala amqoka

Igwaliba elitshengisa intengo

Izeluleko zokuphepha

Amagwaliba aqunyiweyo atshengisa impawu

**ISINGENISO/ OKUVELE KUSETSHENZISELWA / UKUDINGA USEBENZISA AMABALA AMANENGI/UKUZIDINGELA NGOKWAKHO/ UKUPHEPHA /INTENGO/ IMPINDA**

**Yethula i*Google***

**Tshengisa abafundi uphawu lwe*Google* ubacele ukuthi baludinge kubomakhalekhukhwini babo.**

**Buza**: "Ukhona yini owaziyo ukuthi kuyini lokhu?” “Kusetshenziswani?”

**Phana ingcazelo emfitshane ngokudingisisa usebenzisa i*Google***

• “Ukudingisisa usebenzisa i*Google* kuyakuphathisa ukuthi uthole ulwazi olufunayo, Uyatshela i*Google* lololwazi ofuna ukuluthola, isibonelo, ‘Abantu bangaki emhlabeni wonke jikelele?’ ngokunjalo izakudingela kulo lonke ulwazi oselufakwe ngabantu kuyinthanethi, ukuze ithole lololwazi olufunayo.”

• “Ungathola ulwazi ngezindawo, ngemisebenzi, indlela zokupheka, amabhayisikopo, izingoma, ulwazi ngomsebenzi wesikolo, wekolitshi, wemihloliso lokunye”

**Khumbula:** Xhumanisa ingxoxo lemisebenzi ezifundweni lendlela iyinthanethi engaba luncedo kumbe usizo empilweni zalabo obafundisayo. Lokhu kuzaphathisa ukuthi kube lokuhambelana kwalokho okufundiswayo lalokho abakuthakazelelayo.

**Letha usizo empilweni!**

•Khuluma udaba lwakholokuthi Ukudingisisa useenzisa i*Google* kulusizo bani kuwe (ofundisayo), abangane bakho labemuli. Ezinye izibonelo zingahlanganisa:

• “Ukuthola ulwazi ngezindawo, imisebenzi, abantu, abantu abadumileyo, indlela zokupheka, amabhayisikopo, izingoma, izindaba, ulwazi ngomsebenzi wesikolo, wekolitshi, wemihloliso”

**•** Nika izibonelo ezicacileyo kumbe indaba ezitshengisa ukuthi i*Google* ingasetshenziswa njani

**Yenza ukudingisisa usebenzisa i*Google* kube lusizo kubafundi bakho**

• **Xoxa** labafundi bakho ngendlela Ukudingisisa usebenzisa i*Google* kungabasiza njani empilweni zabo

• **Buza:** “Kuyini ongakufunda usebenzisa Ukudingisisa empilweni yakho? Banike imibono eyeme kulokho abakuthakazelelayo”.

• **Buza:** “Kuyini okuthakazelelayo lokujabulelayo ukufunda ngokudingisisa usebenzisa i*Google*?”

**Umsebenzi: Okuvele kusetshenziselwa i*Google***

**Yenza kwenzeke!**

 **Chasisa:** “Usuzazama Ukudingisisa usebenzisa i*Google* kumakhalekhukhwini wakho!”

**Tshengisa igwaliba elibhalwe, ‘I*Google* isetshenziswa njani’**

• Chasisa: “Igwaliba leli litshengisa amanyathelo okulandela usebenzisa i*Google* ukudinga ulwazi”

• “Fundisa abafundi bakho amanyathelo okudingisisa okulula kubomakhalekhukhwini ababahlanganyelayo”

**Tshengisa amakhasi e*Google***

(‘konke’, ‘imifanekiso’, ‘amavidiyo’ ‘lamamephu’)

**Chasisa:** “Lapha ucofa amakhasi atshiyeneyo, Ukudingisisa usebenzisa i*Google* kuzakutshengisa imihlobo yempumela kumbe impendulo ezitshiyeneyo. Isibonelo nxa ungacofa ikhasi ‘lemifanekiso’ uzabona imifanekiso kuphela.

• “**Cela** abafundi bakho bacofe amakhasi atshiyeneyo kubomakhalekhukwini babo besebekutshela impendulo ezitshiyeneyo abazitholayo bedinga”

**Tshengisa ikhasi lempendulo zika “konke” (‘konke’, ‘imifanekiso’, ‘amavidiyo’ ‘lamamephu’)**

* **Chasisa** lokho okukhangelwe ngabafundi bakho:

 “I*Google* ikunike uluhlu lwendawo zebulenjini ezitshiyeneyo ezimayelana lebala olidingileyo

• **Amabala alotshwe ngombala oyisibhakabhaka** akuxhumanisa lendawo yebulenjini yinye ngayinye, ungacofa phezu kwawo azakuxhumanisa lendawo yebulenjini.

• **Amabala alotshwe ngombala oluhlaza** ali ‘kheli’ lendawo yebulenjini yinye ngayinye-lapho ehlala khona kuyinthanethi

• **Amabala alotshwe ngombala omnyama** yisichasiso kumbe isincaphuno esivela kundawo yebulenjini leyo

**Buza** “Lingaba lemibuzo ngalokhu elikubona lapha?”

**Umsebenzi: Okuvele kusetshenziselwa i*Google***

**Phakamisa uphawu lwesigxingi sokukhuluma se*Google***

• **Chasisa:** “Isigxingi sokukhuluma singasetshenziswa nxa ungafuni ukubhala umbiko. Nxa ungenelisi ukupela kumbe ukubhala amabala oqondileyo ofisa ukuwadinga ulakho ukutshela i*Google* lokho

• **Tshengisa lapho okutholakala khona:** Uphawu lwesigxingi sokukhuluma lutholakala esandleni sokudla

• **Tshengisa ukuthi sisebenza njani: “**Cofa uphawu lwesigxingi sokukhuluma njalo ukhulumele phezulu, kuhle njalo kancane”**.**

• **Cela** abafundi bakho ukuthi badinge ibizo lomuntu odumileyo ojayelekileyo besebenzisa isigxingi sokukhuluma

**Cela abafundi bakho ukuthi bazilolonge ukudinga ulwazi besebenzisa amabala okudinga alandelayo**

1. Bhala ibizo lomuntu odumileyo ebhokisini lokudinga ubusumdinga

2. Bhala ibizo lendawo ejayelekileyo ebhokisini lokudinga ubusuyidinga

3. Nika abafundi bakho ibala elilodwa lokubhala ebhokisini lokudinga elifanele bona (isibonelo; ‘ibhayisikili’, ‘isitolo’, ‘indlela zokupheka’, ‘imisebenzi’, ‘ukulima’) ubancedise ukukhangela impumela.

**I*Wikipedia*** ngeyinye indawo yebulenjini ephezulu nxa udinga nge*Google*. Iyatholisa ulwazi ngezifundo ezinengi zitshiyeneyo. I*Wikipedia* ibhalwa ngabantu abayisebenzisayo, njalo inguquko ziba khona mahola onke. Ulwazi olutholiswayo lungaba lusizo kodwa kufuneka ulucubungule njengoba ungamazi umlobi walo.

**Umsebenzi: Ukudinga usebenzisa amabala amanengi**

**Chasisisa: “**khathesi sizazama ukudinga okujulileyo sisebenzisa amabala amanengi- lokhu kungasiza ukuthi sithole ulwazi esilufunayo”.

**Cela** abafundi bakho bazilolonge ukudinga ulwazi ngokuhlanganisa amabala amabili kumbe amathathu ebhokisini lokudinga le*Google*. Bangakwenza lokhu ngokusebenzisa isigxingi sokukhuluma kumbe ngokubhala ibala. Nika abafundi bakho amabala atshiyeneyo ukuthi bahlanganise ikakhulu lawo abake bawasebenzisa ngaphambilini.

**Iseluleko:** Nika abafundi bakho isikhathi esinengi ukuze bakhangele impumela ezitshiyeneyo lamabala ahlanganisiweyo atshiyeneyo.

**Umsebenzi: Ukuzidingela ngokwakho**

**Xoxa** labafundi bakho ukuthi Ukudinga usebenzisa i*Google* kungabanceda njani empilweni zabo.

• **Buza:** “Khathesi usukwazi Ukudinga usebenzisa i*Google*, ufuna ukuyisebenzisani empilweni yakho?” Banike imibono eyeme kulokho abakuthakazelelayo

• **Xoxa** labafundi bakho ukuthi yiwaphi amabala okumele bawasebenzise nxa bedinga abakuthakazelelayo (Gcina indlela yokudinga ilula kakhulu isebenzise ibala elilodwa kumbe amabili).

**• Cela** umfundi ngamunye ukuthi athole ithuba lokusebenzisa umakhalekhukhwini ukuthi adinge lolo lwazi aluthakazelelayo ubusucela abanye bamncedise.

•**Buza** “Yiluphi olunye ulwazi ofuna ukuludinga njalo?”

**Iseluleko:** “Kulolwazi olunengi olubalulekileyo kuyinthanenthi, lolunye nje olungatsho lutho, lolunye olungamanga. Kuhle njalonje ukukhangela impumela zibembili kumbe zibentathu ukwenzela ukuthi uthole ulwazi olufanele lokho okudingayo.”

**Ukuphepha**

**Buza:** “Ukuphepha kutshoni kuwe?”

**Cela abafundi bakho ukuthi bazibone besendaweni yomphakathi ejwayelekileyo**, njengokuba semakete. Bacele ukuthi baxoxe ngabazakwenza ukuzigcina bephephile endaweni le. Bakhuthaze ngokubuza imibuzo lempendulo ezilandelayo:

|  |  |
| --- | --- |
| **Imibuzo**  | **Impendulo ezingaphiwa** |
| Kuyini ongakwenza nxa kulomunye umuntu okuhlukuluzayo? | Uyabagwema kumbe ukungabanaki. Limuka-umuntu kaziphathi ngendlela azichaza ngayo sikhathi sonke. |
| Kuyini ongakwenza nxa umuntu ongamaziyo kumbe ongamthembiyo ekucela imininingwane ephathelane lempilo yakho?  | Awuniki muntu ongamaziyo kumbe ongamethembiyo imininingwane ephathelane lempilo yakho ngoba bangayisebenzisa ngendlela engayisiyo.  |
| Kuyini ongakwenza nxa usizwa ungelaqiniso kumbe ungahlalisekanga ngento oyibonayo kumbe oyizwayo?  | Yazisa umuntu omaziyo njalo omethembayo ngalokho okwenzakeleyo |
| Ubaphatha njani abantu ohlangana labo? | Ulembeko njalo uyahlonipha abantu |

**Chasisa**: “Kuqakathekile ukuthi ukukhumbule ukuthi iyinthanethi yindawo yomphakathi njalo kuqakathekile ukuyiphatha njengendawo yomphakathi ukuze uphephe.”

**Ukuphepha**

**Izeluleko ngokuphepha kuyinthanethi**

 ‘Vimba’ kumbe unganaki abantu ongabaziyo kumbe abakuhluphayo.

Yazisa umuntu omaziyo njalo omethembayo nxa usizwa ungakhululekanga ngento oyibonayo kumbe ohlangana layo

Gcina ngobumfihlo ulwazi mayelana ngawe

Woba lembeko njalo uhloniphe abantu

**Ukuphepha ku*Google***

• **Buza:** “Ulayo yini insolo ngokusebenzisa i*Google*?”

• **Buza:** “Nxa udinga ulwazi ku*Google* ubusubona kumbe uvule izinto ocabangela ukuthi zimbi kumbe ziyacunula, kuyini ongakwenza usuka lapho?”

• **Chasisa uphinde utshengise abafundi:** “Ungacofa isibhono sokubuyela emuva, ucitshe amabala asebhokisini lokudinga ubusudinga njalo usebenzisa amanye amabala atshiyeneyo”

• **Chasisa:** “Nxa udinga nge*Google*, uyakha okuthiwa ‘imbali yokudinga’, okukhunjulwa yi*Google* kumakhalekhukhwini wakho. Ungabona eyinye imbali yokudinga kwakho lapho ucofa ibhokisi lokudinga. Imbali yokudinga leyi ingacitshwa.”

**Iseluleko: “**Nguwe olawula lokho okudingayo-ungadinga izinto ezinhle kumbe ungadinga izinto ezimbi. Kungumlandu wakho ukudinga izinto ezinhle.”

**Intengo**

**Nxa usufundise ngentengo kuzifundo ze*Whatsapp* le*Youtube* ezedlulileyo, sebenzisa lesi njengempinda.**

**Chasisa:** “Khathesi usukwazi indlela zokusenzisa i*Google*, njalo lokuthi ingasetshenziselwa ini, asikhulumeni ngendleko zokuyisebenzisa! Ukuze usebenzise iyinthanethi kumakhalekhukhwini wakho, kuzamele uthenge idatha kulabo abanika insizakalo yamagagasi ezencingo.”

**Tshengisa igwaliba elibhalwe ‘Intengo’**

• **Chasisa:** “Okwenziwayo okutshiyeneyo kusebenzisa ubunengi bedatha obutshiyeneyo. Ukuthumela umbiko obhaliweyo kusebenzisa idatha elilutshwana kakhulu, imifanekiso isebenzisa eliphezudlwana, ukudlala lokuthola izingoma ebulenjini khona kusebenzisa idatha eliphezulu kodwa ukudlala amavidiyo kusebenzisa idatha eliphezulu kakhulu.”

• **Chasisa**: “Ezinye insizakalo zeyinthanethi zixhunyaniswe lokwenziwayo okudinga idatha elinengi”

• **Buza:** “Ingaphi i*Google* emfanekisweni? Kutshoni lokhu ngentego efanele ikhokhelwe?”

**Buza:** “Yiphi insizakalo elentengo ephezulu. **Impendulo** “Amavidiyo”

• **Buza:** “Yiphi insizakalo elentengo ephansi? **Impendulo:** “Imibhalo”

**Intengo**

**Ukukhangela iDatha**

• **Buza**: “Kuqakatheke ngani ukukhangela ukuthi ususebenzise idatha elinengi kanganani?”

• **Impendulo**: “Ukuze uzwisise ukuthi usebenzise idatha enganani njalo ukuthi izehlakalo ezehlukeneyo zibiza intengo enganani”

• **Chasisa**: “Uyenelisa ukukhangela ukuthi uledatha enganani ngendlela efana laleyo oyisebenzisa nxa ukhangela ukuthi ulemizuzu emingaki kumbe amathuba amangaki emibiko; ngokucofa inombolo ehambelana lalapho othola khona insizakalo”

• **Chasisa**: “Ulakho ukuthenga idatha lemali eyehlukeneyo kusiya ngokuthi uzalisebenzisani. Cela ukucetshiswa kulabo abapha insizakalo zomakhalekhukhwini ukuze wazi ukuthi yimali enganani ekulingeneyo”

• **Chasisa**: “Nxa ufinyelela iyinthanethi usebenzisa i*Wi-Fi zone*, awusebenzisi idatha yakho. Ummeli wenhlanganiso epha usizo lwamagagasi angaba lusizo ekukutshengiseni indawo ze*Wi-Fi*. Kwesinye isikhathi, lezo ndawo ziyabe zikhatshana ukufinyelela kuzo

•**Tshengisa** abafundi ukuthi idatha eliseleyo likhangelwa njani

**Iseluleko**: Ingqubo yokukhangela idatha iyehlukana kusiya ngelizwe okulo lenhlanganiso ekutholisa insizakalo yocingo. Cela ummeli wenhlanganiso ekutholisa insizakalo nxa udinga uncedo lwendlela ongakhangela ngalo idatha.

**Impinda**

**Dlalani umdlalo wophawu lwe*Google***

• **Phakamisa** uphawu lwe*Google* lunye ngalunye ngezikhathi ezehlukeneyo

• **Buza** “Lokhu kutholakala ngaphi kumakhalekhukhwini njalo kuyini?”

 • **Chasisa** kubafundi ukuthi uphawu lunye ngalunye luyini nxa bedinga usizo

• **Cela abafundi bakho ukuthi badinge** ukuthi umuntu odumileyo abamthandayo uleminyaka yodumo emingaki

•**Nika imivuzo engatsholutho** (isib. iziwiji) nxa impendulo iqondile njalo ngemva kwalokho namathisela uphawu emdulini ukuze ukhumbuze abafundi ngalezompawu

**Chasisa:** Zikhona njalo insizakalo ezifanana le*Google* ezivumela abantu ukuthi badinge. Ezinye izibonelo zalezi yiYahoo leBing.

**Iseluleko**: “Inengi lendlela zokuxhumana lensizakalo kuyinthanethi zisebenzisa impawu lamagama afanayo. Nxa usebenzisa iyinthanethi, dinga lezi zitshengiselo ukuze lapho ohlangana lazo, wazi ukuthi zitshoni.”

**Impinda ngokudinga nge*Google***

**Xoxa** labafundi bakho ukuthi bafundeni ngokudinga nge*Google*

• “Ufundeni ngokudinga nge*Google*?”.

• “Ulokhu ulayo insolo ngokudinga nge*Google* na?”

* “Yiyiphi imisebenzi eyakho ongayisebenzisela yona?” “Yiyiphi imisebenzi yobuciko ongayisebenzisela yona?”

• “Ufuna ukuyisebenzisani i*Google* empilweni yakho? Yini oyifunela khona njalo yini ekuthokozisa kakhulu ngayo?”

**Iseluleko**: Dlulisa impinda njengomdlalo weKhwizi uphe lemivuzo (isibonelo: iziwiji) kubafundi bakho abadlalileyo.

**Iseluleko**: Nxa abafundi belesifiso sokufinyelela iyinthanethi badinge nge*Google* kubomakhalekhukhwini babo, ubanike isikhathi sokulolonga lokho abakufundileyo ubeseke njalo ubakhuthaze.

**Impinda**

**Ukukhuphukela ezingeni elilandelayo**

Nxa ufike ekucineni kodwa uthola ukuthi kusasele isikhathi:

• **Buza**: “Ulayo yini eminye imibuzo ephathelane lalokho esesikufunde kulesi isigaba?”

• **Buza:** “Yiluphi olunye ulwazi ofuna ukuba lalo mayelana lendlela yokukhulumisana yabomakhalekhukhwini yeyinthanethi?”

Okunye okwezinga laphezulu elingaxoxa ngakho labafundi kugoqela:

• **Ukucubungula impumela**: “Uthatha njani isinqumo sokukhetha kukhasi lempumela yokudinga? Uzaba kwazi njani ukuthi okukhethayo kungcono kulokunye?”

• **Ukwazi abathengisayo:** “Ungabakwazi njani ukuthi yiziphi impumela zika*Google* ezibhadalelwayo?”, “I*Google* isebenzisa njani imbali yokudinga kwakho ukukuthengisela?”

• **Ibalazwe ka*Google*:** “Usebenzisa njani inkombanhlangothi zomhlaba?” “Ingaphi iBuckingham Palace?”

**• Impawu zokuthapha indlela zokusebenzisa** esitolo salezondlela, (kumele lifunde ngeyimeyili njalo, ngoba ukuba leyimeyili kuqakathekile nxa lithapha indlela zokusebenzisa)