

Ukubuyekezwa  
kuhlalisiwe  
ngokwesiTatimende  
somThetho-kambiso  
weKharikhyulamu  
nokuHlola

IGreyidi

3



AmaKghono wePilo  
ngesiNdebele

Incwadi 2  
Ithemu 3 & 4



Ibizo:

Itlasi:



ISBN 978-1-4315-0289-9



9 781431 502899 >



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UKkz. Angie Motshekga  
nguNqongqotjhe weFundo-Sisekelo



Dorh. Reginah Mhaule  
nguSekela kaNqongqotjhe weFundo-Sisekelo

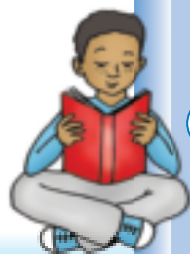
Iincwadi lezi zenzelwe abantwana beSewula Afrika ngaphasi koburholi bakaNqongqotjhe wezeFundo-Sisekelo uMma u-Angie Motshekga kanye neSekela lakhe Dorh. Reginah Mhaule.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenyeye yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika emagreyidini wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko. Siyathemba kobana nizokufumana iincwadi zokusebenzela lezi ziliziso khulu ekufundiseni kwenu kwangamalanga nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu.

Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bonyana ngikuphi umfundi amele akwenze.

Siyathemba kobana abantwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje begodu wena titjhere uzokwabelana nabo ithabo lokufunda.

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



# IGreyidi 3

AmaKghono wePilo  
ngesiNdebele  
Incwadi 2



Incwadi le ngeyaka-:

# Iindawo eziyingozi okudlalelwa kizo



Asitlole

Uzizwa wamukelekile eendaweni eziphephileko ezifana nangetlasini. Lezi ziindawo ongathanda ukubuyela kizo. Akunamuntu okufanele akulimaze nanyana akuzwise ubuhlungu nawulapho. Indawo ephhephileko emphakathini yindawo lapha nanyana ngubani azizwa amukelekile khona. Akunamuntu ozokulimala nofana alinyazwe. Nasiqala "ukuphepha komphakathi" sitjho kobana woke umuntu unelungelo lokuphepha eendaweni ezivulekele woke umuntu, njengeentimeleni, emateksini nasemalwandle.



Asikhulume

Qala iinthombe ezilandelako bese ucocisana nomngani wakho ngazo.

Cocisana nomngani wakho ngokuthi kungani kungakaphephi ukudlalela eendaweni eziyingozi.





Ilanga: .....



Asitlola

Omunye nomunye umntwana ongesandleni sokudla kufanele athathe isiqunto. Basize ngokuthi baqedelele ikulumo engemabhamuzini wekulumo.

Yiza uzokuthatha ibholo wena. Yini oyisabako!

Awa, angikameli ngikwenze, nginga

Yiza uzokusela kanye! Kumnandi. Wesaba ini?

Awa, angikameli ngikwenze, nginga



Asikhulume

Cocani nabanye abafundi ngemibuzo elandelako.

- Ngikuphi okuyingozi ongakuthola ecucwini elahliweko?
- Kungani abantwana bathanda ukudlalela emakhiweni wendlu egirikako nofana elirubhi?
- Yipilo yabobani esengozini lokha abantwana badlalela endleleni ekhamba iinkoloji ezinengi?
- Ngimaphi amatshwayo asiyelalisa kobana singadlaleli eduze kwesiporo?
- Ngijiphi ingozi engabangwa yigezi netlelezi elifana nepharafeni.



Asitlola

Khetha isithombe sinye ekhasini lesi-2 bese utlola iimpendulo zemibuzo elandelako.

- Sikutjela ini isithombe?

\_\_\_\_\_

- Ungabona ngani kobana indawo le ayikaphephi ukuze ungadlalela kiyo?

\_\_\_\_\_





# Iindawo eziyingozi zokudlalela



Asitlolo

Qala iinthombe ezilandelako. Khetha esisodwa seenhlokwana usitlolo ngaphasi kesinye nesinye isithombe.

Ipharafeni ingavutha amalangabi esandleni sendoda.

Umntwana angafa ngemuva kokusela itjhifu.

Abantwana bangafa ngombana abakwazi ukuphefumula.

Asikafaneli sisebenzise igezi endaweni eseduze namanzi.

Umntwana angatjhiswa mamanzi abilako.



Tjela: \_\_\_\_\_



Tjela: \_\_\_\_\_



Tjela: \_\_\_\_\_



Tjela: \_\_\_\_\_



Tjela: \_\_\_\_\_



Tjela: \_\_\_\_\_



Ilanga: .....



### Asenzeni lokhu

Uwala isithombe sakho nomngani wakho nidlalela endaweni ephephileko ephageni. Ningadlala ngani? Ngokwesibonelo, cabanga kobana ningadlala bunjani emjinkweni. Kokuthoma sebenzisa amakhrayoni wamakoki nofana ipensela ukwenza imiqoqo yomgwalo wakho. Penda ngaphakathi kwemiqoqo leyo usebenzise amakhrayoni afana netjhogo nofana amakhrayoni.



### Asikhambakhambe

**Ukuzithabulula:** Hlanganisa izitho zomzimba, ngokwesibonelo yenza imisikinyeko yokuzigeda phasi ekhambisana namahlakala namadini. Isibonelo, khambani ngokugedeka ngasikhathi sinye ngamahlakala nangeenyonga nofana ngamahlombe nangeengoriyana.

**Umsebenzi okungjiwo ophuma phambili: Ukudzimelela**

- Khamba ngamazwani bese ukhamba ngeethente zakho.
- Khasa ngamadolo bese ubambelele ngezandla zakho phasi.
- Dzimelela lokha nawukhamba uya phambili nalokha nawubuyela emuva ukhamba phezu kwerobho ebekwe phasi. Linga godu ukukhamba phezulu kwerobho ucimezile.
- Jama ngezandla, hloma ihloko phasi.

**Ukuzipholisa:** Yelula imikhono yakho kabuthaka. Nakukghonekako, lokho kwenze ulalele umvumo opholileko.

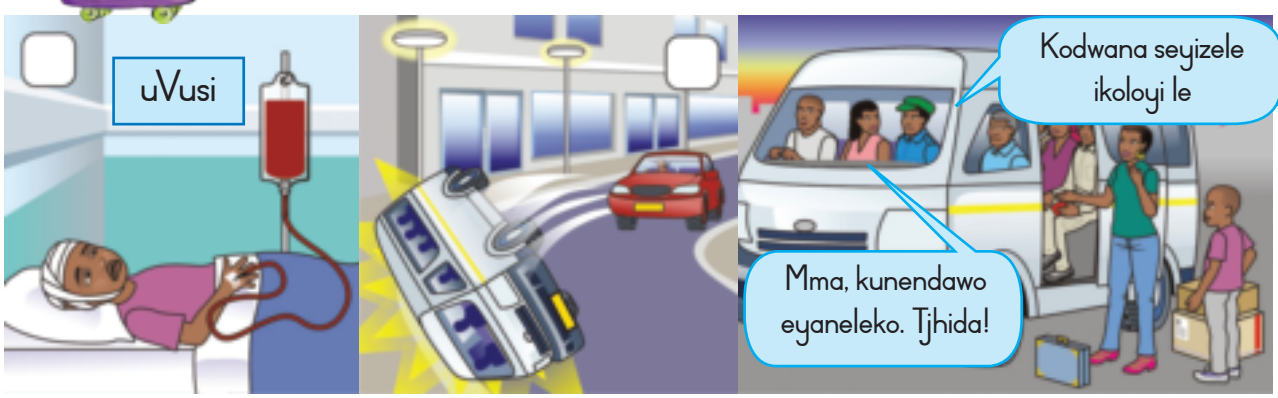


# Iintekisi neentimela kwezokuphepha



Asenzeni lokhu

Beka iinthombe ezilandelako ngelandelano kwazo ngalokho okwavela uVusi. Nombora iinthombe ukusuka ku-1 ukuya ku-4.



Asikhulume

Qala iinthombe zakaVusi godu bese ucocisana nomngani wakho ngazo:

- Ingozi yenzeke ngephoso yakabani?
- UVusi nonina bekufanele ngabe benze ini?



Asikhulume

Qalisisa iinthombe ezilandelako bese ucoca nomngani wakho ngazo. Khuyini okwenziwa babantu laba okungakalungi?



Asitlola

Tlola isihloko sesinye nesinye isithombe utjho kobana abakhweli ngikuphi abangakafaneli ukukwenza.




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Ilanga: .....

# Amatshwayo asiyelelisa ngengozi



Asifunde

Amatshwayo wendlela namatshwayo wesiporweni enzelwe kobana asiphephise. Amanye amatshwayo enzelwe kobana asivikele. Asiyelelisa ngengozi. Amanye amatshwayo asitjela kobana sifanele siziphathe bunjani hlangana neenkoloyi ezinengi nanyana asinikela ilwazi. Amatshwayo ayelelisako kanengi avame ukuba nombala obomvu owazombileko.



Asenzeni lokhu

Ukuphosa izinto ezibuya ngaphakathi kwesitimela esikhambako kungaba yingozi khulu. Izinto lezo zingalimaza abanye abantu neenlwana lokha isitimela nasidlulako. Zitlamele lakho itshwayo eliyelelisa abantu kobana bangaphosi nofana yini ngamafesidere lokha isitimela nasikhambako.



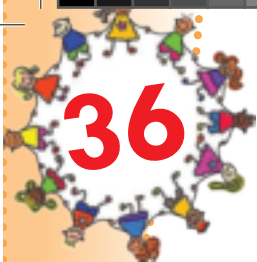
Asenzeni lokhu

Qala iinthombe ezilandelako. Sika amatshwayo ekhasini labosika ngemuva ecwadini yakho bese uwanamathisela phezulu kwesithombe esilandelako.



Tjengisa utitjhere wakho nasele uqedile.





# Ukusilaphazeka: Yini ukusilaphazeka?



Asikhulume

Qala isithombe esilandelako. Qala isithombe bese ucocisana nomngani wakho ngaso. Ingabe ikhona into esesithombeni oyijayeleko? Ngikuphi esithombeni okubonakala kungakalungi? Kungani kungakalungi?



Asifunde

## Kuyini ukusilaphazeka?

Ukusilaphazeka esikubangako kumbi khulu kithi nakabanye. Ukusilaphazeka kumbi eenlwaneni neentjalweni. Kusibangela ukugula begodu neentjalo azisakhuli zingafa. Ukungezelela, ukusilaphazeka kusilaphaza ibhoduluko lethu.

Ukusilaphazeka kwenzeka lokha nasisilaphaza ihlabathi, sisilaphaza ummoya nalokha sisilaphaza amanzi. Ummoya, amanzi nelanga kuyasiza ukuhlaza ukusilaphazeka. Kodwana nakunokusilaphazeka okunengi khulu, iphasi angekhe lazihlwengisa ngokwalo.





Ilanga: .....



**Asenzeni lokhu**

Sebenzani ngeenqhema zabafundi abahlanu.

Isiqhema ngasinye sinikelwa iphrojekthi esifaneleko esifanele siqalane nayo. Amalunga amane afuna iimbonelo zokusilaphazeka. Ilunga elilodwa ligcina ilwazi lalokhu okulandelako. Tlola kwaphela itshwayo (✓) nofana ngayiphi into oyitholako ozoyifaka erhelweni. Utitjhere wenu uzokurhunyeza koke lokho enikufumeneko. Ingabe itatawu lesikolo senu lihlanzeke kangangani?



Khumbula  
ukuhlamba izandla  
zakho nawuqedeko.



**Asitlole**

Tlalani phasi izinto ezi-5 ezisilaphazileko enizifumene etatawini lesikolo.

1.	
2.	
3.	
4.	
5.	



Tlola itshwayo (✓) eduze kokusilaphazeka okuserhelweni okungabuya kusetjenziswe kabutjha. Tlola itshwayo (✗) eduze kokusilaphazeka okuserhelweni okungaba nomthelela omumbi eenlwaneni.



**Asikhulume**

Sebenzani ngeenqhema zabafundi abalikhomba.

Niyokudlala iindima ezahlukeneko nilingisa: iphasi, amanzi, ihlabathi neenlwana. Indima yekhomba kuyokuba ngeyabantu. Abadlali bokuthoma abathandathu ngamunye uyokutjela umuntu kobana ukusilaphazeka kwenza ini kuye. Umuntu uyokuphendula omunye nomunye umdlali. Ninoke quntani kobana kungenziwa ini ngemiraro leyo. Qalani isithombe esingehla ukuze nifumana imibono. Nangabe niyazethemba ngomdlalo wenu, ungabawa utitjhere kobana anivumele niwenzele abanye abafundi abangetlasini yenu.





# Ukusilaphazeka okuhlukahlukeneko



Asifunde

## Ukusilaphazeka kommoya

Lokha nasisilaphaza ummoya, singabuye siwufake itjhefu. Sisilaphaza ummoya ngokutjhisamalahlale amanengi, idizela, ipetroli, irhasi neenkuni. Intuthu ephumakilezi izinto inerhasi enganapilo, kanengi iya phezulu emmoyeni.

Ummoya ubuye usilaphazwe lithuli, isanda, umlotha, intuthu nepholeni. Ummoya uba netjhefu lokha nasigawula imithi eminengi. Imithi isiza ukususa irhasi eyingozi emmoyeni bese ikhupha i-oksijini, okumummoya onepilo. Sifanele siphefumule ummoya ohlwengileko ukuze sihlale siphila.

Ummoya osilapheleko uyasigulisa, usibangela i-asma nobulwele bomphimbo namalwele akhambisana namaphaphu.



Iinkoloyi amabubulo, iimbaseli ezibuya emakhaya, zibangela ukusilaphazeka kommoya eCape Town.

Ukusilaphazeka kommoya kutjhabalalisa ummoya omuhle one-oksijini enengi ovikela ipilo ePhasini emisebeni yelanga emimbi. I-esidi enengi emmoyeni ebuya emabubulweni ingabangela izulu le-esidi, elibulala iintjalo belone nemakhiwo.





Ilanga: .....

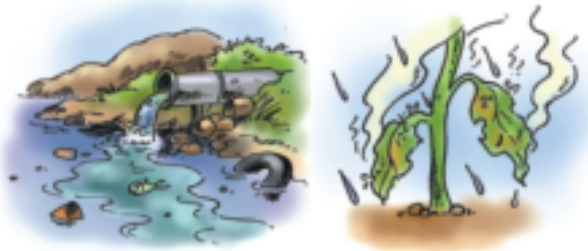
## Ukusilaphazeka kwehlabathi

Ukusilaphazeka kwehlabathi kwenzeka lokha nakunamakhemikhali amanengi ayingozi ehlabathini. Ukusilaphazeka kwehlabathi kungabangwa ziinzibi nofana lokho okulahlwa mabubulo namamayini. Iinzibi ezibuya emakhaya, eenkolweni, eembhedlela nema-ofisini zigcineka ngaphasi kwehlabathi. Iinzibi lezi zingcolisa ihlabathi. Ukusilaphazeka kwehlabathi kungasilaphaza amanzi okungathi ngokukhamba kwesikhathi asilaphaze okudliwa babantu neenlwana.



## Ukusilaphazeka kwamanzi

Amanzi asilapheleko abanga itjhefu emanzini angaphasi kwehlabathi nalawo angaphezulu kwehlabathi emilanjeni, emachibini nemadamini. Lokhu kwenzeka lokha amabubulo nakapompela amanzi asilapheleko ngemilanjeni. Lokhu kwenzeka lokha amaphayiphi athwala ilindle athontela ngemachibini nofana ukusilaphazeka okubuya lapha kwenjelwe khona icucu kufikelela emanzini angaphasi kwehlabathi. Amanzi asilaphazekileko angagulisa abantu begodu abe abulale neenlwana neenhlambi. Neentjalo eziseduze namanzi zingafa.



## Ukusilaphazeka kwetjhada

Ukusilaphazeka kwetjhada kubangelwa ziinkoloyi ezifana namathraga amakhulu neenkoloyi ezipopozako namateksi, imitjhini emabubulweni, umvumo ophezulu nalapha kwakhiwa khona imakhiwo emikhulu. Itjhada eliphezulu khulu lingakwenza kobana ugcine ungasezwa.



Utijhene:  
Tlikitla:  
Ilanga:





# Ukusilaphazeka: Imithelela yakho



Asikhulume

Qala isithombe esilandelako bese ucoca ngaso nomngani wakho.

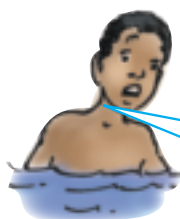


Asitlole

Abantu abalandelako neenlwana bazokuthini ngokusilaphazeka?

Qedelela umutjho lo ongemabhamuzeni wekulumo angenzasi.

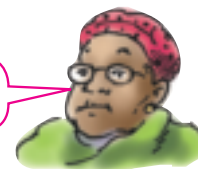
*"Ukusilaphazeka . . . kumbi kimi ngombana . . ."*



[Empty speech bubble]



[Empty speech bubble]



[Empty speech bubble]



Tlola lokho omunye nomunye walezi izinto ezingehla azokutjho ngokusilaphazeka.

Asikhambakhambe



Kwanjesi zifumanele iwulawubhu ozokudlala ngayo. Wena nomngani wakho kufanele nidlhegane ngokukhamba ngaphezulu kwayo. Kokuthoma ngeenyawo bese kuthi kwesibili kube ngezandla. Ngemuva kwalapho bamba iwulawubhu ijame ibe siyingi esiqale phezulu bese umngani wakho adlule ngaphakathi kwayo. Dlheganani ngokwenza lokho. Tjekisa iwulawubhu ukwenza kobana kube budisi ukukhasa ngaphakathi kwayo.





Ilanga: .....

# Okhunye ngokusilaphazeka



Asenzeni lokhu

Amanowuthi wakatijhere: Ngaphambilini nibone ukusilaphazeka etatawini lesikolo senu. Nangabe akhange nibuthe ukusilaphazeka enikubonileko, kwanjesi lithuba lokobana nenze kunjalo. Utijhere wenu uzoninikela imigodlana yeemplastiki namadhlavu weplastiki kobana nivikele izandla zenu.

Sebenzisa amajamo wejyomethri wakhe ilingaphandle lephostara. Cocisana nomngani wakho ngemithetho engalandelwa yokutlama iphostara yakho:

- ukungafani
- ngokulingana ngobukhulu
- ukugandelela
- ukudzimelela





# 39

Ithemu-3 – Imveke 5

## Abantu bebaphila bunjani ekadeni



### Asikhulume

Izinto esizenzako nangendlela esizenza ngayo, kutjhuguluke khulu. Qala iinthombe ezilandelako:



Cocisana nomngani wakho ngalokho okutjhugulukileko nokuthi kutjhuguluke bunjani . Ungaqala nomhlobo womsebenzi abantu laba ebebawenza, lapha ebasebenza khona nezambatho ebezembatha. Ucabanga kobana bebasebenza kude kangangani nemakhaya? Kwanjesi buyelela uqale isithombe esingesandleni sangesinceleni bese ucoca ngezinto ezifanako. Ucabanga kobana bebadla ukudla okunjani? Bebakhamba ngani lokha nabaya emsebenzini?



### Asifunde

Abantu ebebaphila ekadeni bebaphila eduze kwezinto ebezisebenzisa, isibonelo ukudla namanzi. Nanamhlanje sisazitlhoga izinto ezinjalo, kodwana ngebanga lethekhnoloji, sithola amanzi, ukudla negezi ngeendlela ezilula.





Ilanga: .....

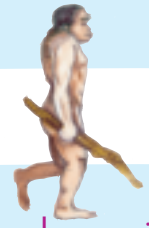
Nasi esinye isikhathi neminyaka ongayisebenzisa lokha nawufunda okunengi ngokuthi abantu bekadeni bebaphila bunjani. Tlola ilanga owabelethwa ngalo nebizo lakho.



Asitlolo



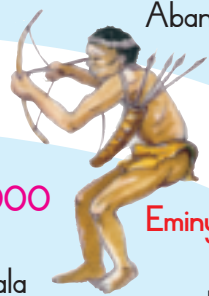
Iminyaka eli-15 000 yamamiliyoni eyadlulako: Iphasi lakheka



Iminyaka emamiliyoni ama-2,5 eyadlulako: Iindalwa ezifana nalezi zathoma ukukhamba



Ngeminyaka eli-100 000 eyadlulako: Kwathoma ukubonakala abantu bokuthoma



Eminyakeni ema-40 000 kwabonakala: Abantu abama-San

Eminyakeni ezi-2015 eyadlulako: Ekuthomeni kwesikhathi esivamileko



Ngomnyaka we-1814

Kwatlanywa isitimela sokuthoma esikhamba ngamalahle



Ngomnyaka we-1652

Ukufika kwabamhlophe eSewula Afrika



Ngomnyaka we-1200 Kwakhiwa iMapungubwe eLimpopo



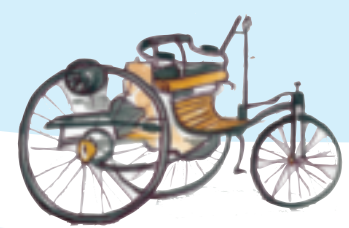
Ngomnyaka we-1876

Kwatlanywa umtato wokuthoma wesimanjemanje



Ngomnyaka we-1879

Kwatlanywa ilampa lokuthoma legezi



Ngomnyaka we-1885

Kwakhiwa ikoloji yokuthoma yesimanjemanje



Ngomnyaka we-1895

Kwakhiwa umrhathjho/ irediyo yokuthoma



Ngomnyaka we-1903

Kwakhiwa isiphaphantjhini sokuthoma



20 \_\_\_\_\_ uNelson Mandela waba ngumengameli wokuthoma lamabeletho onzima eSewula Afrika



Ngomnyaka we-1975

Kwathonywa ukusetjenziswa kwekhomphyuta



Ngomnyaka we-1973

Kwenziwa ufunjathwako/iselula/ umaliledinini wokuthoma



Ngomnyaka we-1969

Indoda yokuthoma yakhamba enyangeni



Utijjhere:  
Tlikitla:  
Ilanga:



# Abantu bebaphila bunjani eminyakeni eyadlulako



Asitlole

Kwanjesi qedelela ngamabizo, amalanga wababelethi bakho nabokhokho bakho:

Utijhere wenu uzonibawa kobana nikhulumisane nabanye abantu abakhulu emindenini yekhenu emakhaya nofana uzokumema linye ilunga lomphakathi kobana lizonivakatjhela. Ngimiphi imibuzo eningalibuza yona? Akhe, ucabange nangeenthombe enizozibukela.

Ibizo lakabamkhulu ngu-:

Wabelethwa:

Ibizo lakababa ngu-:

Wabelethwa:

Ibizo lakabamkhulu ngu-:

Wabelethwa:

Ibizo lakagogo ngu-:

Wabelethwa:

Ibizo lakamma ngu-:

Wabelethwa:

Ibizo lakagogo ngu-:

Wabelethwa:

Ibizo lami ngingu-:

Ngabelethwa:

Buzani ababelethi benu imibuzo emi-5 ngabanye bekhobo abadala. Sebenzisani amagama alandelako: **Nini? Kuphi? Kungani? Begodu njani?**




Ilanga: .....



### Asifunde

Abafundi besikolo esisedorobheni leKaroo, eGraaff-Reinet bamema uNomzana Johannes Maart ukuzokukhulumisana nabo. Nasi indatjana:

Ngabelehelwa eplasini iKaroo, eGannaslaagte mhlana amalanga ali-7 kuVelabahlinze ngomnyaka we-1922. Ubaba khabe asebenza eplasini umma yena khabe asebenza ngendlini yomniplasi. Njalo ngaboLesihlanu, umlimi khabe asipha inyama, ekhabe siyipheka siyidle ngepelaveke. Khabe singanayo indlela efaneleko yokuyigcina imakhaza. Ngokunjalo-ke, khabe siqeda iveke yoke ngaphandle kokudla inyama. Ngesinye isikhathi khabe siba nenyama enengi besiyibenge imirhwabha, khulukhulu nangabe umlimi udumuze ikudu nofana iqina. Kanengi sasivame ukudla isiphila, kusilwe nepuphu nofana sihlanganiswe neembhontjisi – ukudla lokho bekwaziwa njengomnqutjhu. Kanengi ubaba bekafumana iflowuru emakgharitjha ekhabe ibuya esigayweni seJansenville. Ngokuyelela okukhulu, umma khabe asibhagela uburotho ngepani ekhabe ibudisi kwamambala ayibeke phezulu kwamalahle ngombana sabe singanaso isitofu.

Amanowuthi wakatitjhere: Nangabe utitjhere akakghoni ukumema omunye/ abanye kobana beze ngetlasini yenu, ningasebenzisa indatjana kaNomzana Johannes Maart.



Ngesinye isikhathi umma bekabhaga amatjhatjhatjha ekhabe ngiwathanda khulu. Amagwinya la sabe siwadla ngejemu ekhabe lenjiwe lenjiwe ngedorofiya. Amaswidi wethu khabe kuyikghomu esabe sijinamulula emithini.





# Kungabe bekumnandi ukuba mntwana esikhathini esidlulileko?



### Asitlale

Qala enye nenye into kilezi ezingenzasi bese uyatjho kobana ngeyakade nofana ngeyanje. Tlola "Zanje" nofana "Zakade" ngaphasi kesinye nesinye isithombe. Bese ufaka umbala ngebhoksini elinezinto "Zakade" ezitjengisa izinto ezikarisa khulu ebezisetjenziswa esikhathini esedlulileko. Sebenzisa umbala owuthandako.



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Yenza ifremu yesithombe.

### Asenzeni lokhu

#### Uzokutlhoga lokhu:

- Amakhabhoksi wamaphepha amabili anemibala.
- Amakhrayoni wamanzi amabhombho anemibala eyahlukeneko
- Izinto ezahlukeneko ezingasetjenziswa kabutjha ongenza ngazo amaphetheni, isibonelo, utolitji ikoteni ikhokho, isiba neemvalo ezihlukahlukeneko.

Amanowuthi wakatijhere: Kuneendlela ezinengi esingagcina ngazo izinto zakade eziligugu. Enye yeendlela lezo kufremela iinthombe.

1



1. Sika ikhabhoksi libe sikwere nofana irekthengela ukulenza libe ifremu yesithombe.

2



2. Penda ihlangothi langenzasi lento ofuna ukuyisebenzisa ukwenza iphetheni.

3



3. Kghabisa ifremu yakho ngokuthi ugandelele ihlangothi lento oyipendileko phezulu kwekhabhoksi.

4



4. Lokha ifremu yakho nasele yomile, faka isithombe somndeni wakho bese upha ugogo nofana ubamkhulu wakho njengesipho.



Ilanga: .....



**Asifunde**

UNomzana Maart wabuya ngelanga lesibili wazokuvakatjha esikolweni. Waragela phambili nendatjana yakhe.

Khabe singabonani nabantu abanengi. Umma nobaba bebasebenza kabudisi ama-iri amade. NgaboSondo khabe sivakatjhela abangani abebahlala kamanye amaplasa. Ngesinye isikhathi sabe sikhamba ngekoloyana yeenkabi nasiyokuvakatjha. Khabe sikuthabela lokho ngombana khabe sikwazi nokudlala ngamathambo, umdaka, amaqephe wembewu yemithi yameva nangamatje edamini ekhabe liseduze nezindlu zalapha ebesihlala khona. Ngesinye isikhathi besidlala ngemlanjeni. Udadwethu nabangani bakhe bona bebakuthanda ukubumba abonopopi bomdaka.

Amanyathelo wami wokuthoma ngawathola lokha nangiqeda iminyaka eli-12. Ubaba wangenzela wona ngesikhumba esitjhukiweko. Khabe kumnandi ngombana ngabe ngingasabuzwa ubuhlungu ekhabe ngibuzwa lokha nagade ngihlatjwa mameva lokha nagade ngibhadula ngeenyawo phasi nofana ekuseni ngamalanga webusika nangigadanga ilothe.



**Asikhulume**

Cocisana nomgani wakho ngokuthi ingabe kwabe kuyinto ehle ukuba mntwana eminyakeni eyadlulako.

Ingabe bekungcono ukuba mntwana eenkhathi zakade kuneenkathini zanje? Sekela ipendulo yakho. Ungacabanga ngezinye iinsetjenziswa esinazo nje nokuthi kungabe zisenza kobana sikhgone ukwenza izinto lula nangobu ngcono?

- Asikhambakhambe  
Zijayezeni okulandelako ngamunye nanyana ngeenghema zangababili.
- Ukujama ngezandla
  - Ukujama ngehloko
  - Ukugedekela phambili nemuva
  - Ikoloyana yamavilo

Utityhere:  
Tlilitla:  
Ilanga:



# Amathulusi neensetjenziswa

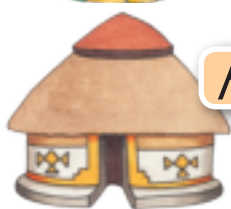


Asenzeni lokhu

Qala iinthombe ezilandelako zeensetjenziswa ebezisetziswa kade ngesandleni sesincele. Ngekhomeni engesandleni sokudla, gwala iinthombe nanyana usike iinthombe zeensetjenziswa ezisetziswa namhlanje.

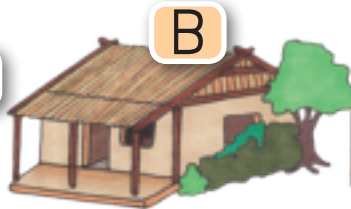


Asikhulume



A

Indlu yeminyakeni pheze  
ema-300 eyadlulako.



B

Indlu yeminyakeni pheze  
ema-200 eyadlulako.



C

Indlu yeminyakeni  
pheze eli-150  
eyadlulako



D

Indlu yesikhathini  
sanje

Izindlu lezi zitjhuguluke bunjani ngokukhamba kweminyaka?

Kungani zitjhugulukile?

Ngiziphi izinto ezisetzisizweko kilezi izindlu?

Ngiziphi izinto ozithola esithombeni D ezingekho esithombeni A?



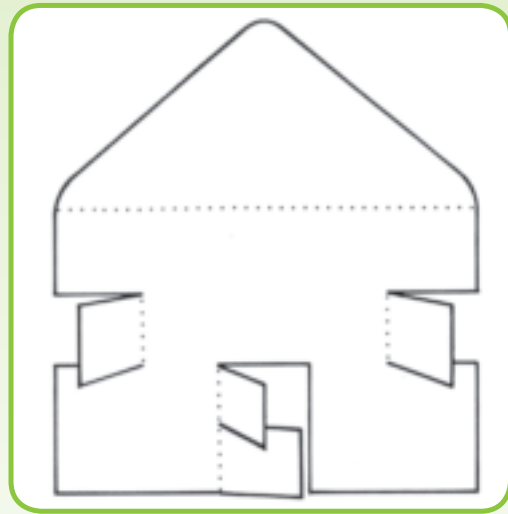
### Asenzeni lokhu

Sesifundile kobana izindlu zatjhuguluka bezathuthuka bunjani ngokukhamba kwesikhathi/kweminyaka. ESewula Afrika, ezinye izindlu zikghatjiswe kuhle njengezindlu zesitjhaba samaNdebele. AmaNdebele aziwa khulu ngemibala yabo emihle nangendlela ebagwala ngayo izindlu zabo. Yenza kwangathi ulilunga lomndeni wesitjhaba samaNdebele begodu nguwe ofanele uqalane nomsebenzi wokugwala amaboda womndeni wakho.

### Uzokutlhogalokhu:

- Iphepha elinombala
- I-imvilobhu
- Isikere
- Amakhrayoni
- Idlhu/isinamathelisi

1. Sika iminyango namafesidiri e-invilobhini yakho njengombana kutjengisiwe esibonelweni.
2. Vula lapha kunengcenywe ephephezelako ukwakha umfulelo.
3. Kwanjesi sebenzisa amaphetheni ahlukahlukene, amabumbeko/amajamo nemida ubuye usebenzise imibala ekhanyako ukukghabisa indlu yakho ejame njengemvilobhu.
4. Bawa utitjhere wakho akuhlathululele kobana kubayini kuqakathekile ukusebenzisa amabumbeko wejijomethri namaphetheni.
5. Kwanjesi namathisela izindlu zakho phezulu kwetjhidi lephepha elinombala.
6. Sebenzisa iinthombe ozifumene kibomagazini ukukghabisa isizinda seenthombe.



### Asikhambakhambe



- Lingisa lokha nawakha indlu. Sunduza, udose ngesandla sakho sangesinceleni njengalokho usarha okuthileko.
- Faka umkhono wakho wangesandleni sokudla emkhonweni womngani wakho wangesinceleni ojame eduze kwakho. Yenza kwangathi mgodla obudisi wesiphila esithalwe ngehlombe langesinceleni. Tjhugulula uthwale ngelinye ihlombe.
- Linga ukwemba imirabhu njengomma wamaSani lokha umngani wakho nakakwalelako.
- Yenza kwangathi umumuthi, phakamisela umkhono wakho ngehla kwehloko, ifeyisi yakhe iphezu kwesiqu somuthi. Umngani wakho adose ikghomu esiqwini somuthi wena lokha nawalako.
- Khwelela umlelenjani: abalingani balala phasi baqale phezulu bese kuthi iinyawo zabozithomane, bagobe amadolo bese iinyawo zithintane. Bese bayathoma bareye umlelenjani imilenze idlhegane ngokuya phambili nemuva



# Okhunye godu ngokuthi izinto bezenziwa bunjani ekadeni



## Asifunde

Leli bekulilanga lesithathu uNomzana uMaart avakatjhele esikolweni. Uzokutjela abafundi okhunye okunengi.

Ubusebenzelo beplasini bebunendawo lapha abasebenzi batjhiselela khona bebenze iinsetjenjiswa neenkhalo. Khabe sisenza amanyathelo weempera enziwe ngeensimbi namavilo weenkarana.

Kwathi lokha nangineminyaka pheze eli-10, sasahlalwa sisomiso esikhulu. Khabe singanakho ukudla okwaneleko. Khabe sithaba lokha izulu nalithoma ukuna ukuna.



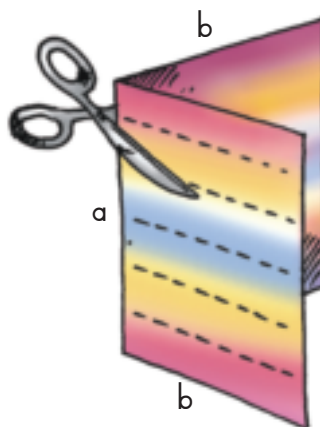
## Asenzi lokhu

Yenza ilantere lakade.

### Uzokutlhoga:

- Iphepha elimhlophe elimhlophe elisikwere
- Amakhrayoni wamanzi
- Ikwasa/Ibhratjhi yokupenda
- Irula, ipensela, isikere
- Idlhu/Isinamathelisi

1. Kghabisa iphepha lakho ngemibala yemithunzi eyehlukahlukeneko.
2. Bhinca iphepha lakho libe ziinquntu ezimbili.
3. Gwala umuda ephepheni pheze kumasenthimitha amathathu ngokuhlukana.
4. Sika emideni leyo, kodwana ingasi ukusuka phasi nofana ukusuka phezulu.
5. Bhinca iphepha ulivule bese unamathisela ngedlhu amahlangothi amabili.
6. Ungahle ufake nesibambo ngaphezulu.





Ilanga: .....



### Asikhulume



Qala isithombe ngepilo yemapasini pheze eminyakeni engaba minyaka ema-200 eyadlulako. Cocisana nomngani wakho ngalokho okwabe kukarisa. Qala isibonelo sezambatho, iinsetjenziswa nemihlobo ehlukeneko yeenthuthi. Ngemuva kwalapho tjelani utitjhere nabanye abafundi ngalokho ebenicoca ngakho.



### Asitlole

Madanisa umsuka wokukhanya nesithombe okungiso. Tlola nebizo lomunye nomunye umsuka wokukhanya nesithombe. Khetha emagameni onikelwe wona:

itotjhi

iglowubhu

ikhandlela

ilampa eliphezulu

1



2



3



4



Utitjhere:  
Tlikitla  
Ilanga:





44

Ithemu-3 - Imveke 7

# Ukubhadelela izinto



Asitlolo

Abantu bekadeni bebazibhadelela bunjani izinto ebebazifuna?  
Sebenzisa elinye lamagama alandelako ukuqedelela indatjana yemali elandelako.  
Unikelwe amaledere wokuthoma wamagama ukuze akusize.

ukubhadela

igwayi

ukudla

isiliva

umncamo

iinhlavu zemali

igolide

ukuthengiselana

iinkhumba zeenlwana

imali eliphepha

Kade khulu abantu bebangasebenzisi \_\_\_\_\_  
nemali emaphepha uku \_\_\_\_\_ izinto ebazithengako.

Emihleni leyo bekusetjenziswa \_\_\_\_\_ njengendlela yokutjhentjhisana  
ngezinto. Nangabe abantu bebane \_\_\_\_\_ elinengi kodwana banganakho  
ukudla abazo \_\_\_\_\_, bekufanele bafumane omunye umuntu ozotjhentjhisana  
nabo yena athathe igwayi bese abanikele ukudla. Izinto ezifana \_\_\_\_\_,  
itswayi, \_\_\_\_\_, iinkomo nazo \_\_\_\_\_ ngazo. Ngokukhamba  
kwesikhathi, abantu bathoma ukubhadela ngesiqetjhana se \_\_\_\_\_ ne  
\_\_\_\_\_ ukubhadela izinto ezithengiweko.

Ngokukhamba kwesikhathi abantu babe basebenzisa iinqetjhana zesimbi  
ukwenza iinhlavu \_\_\_\_\_. Namhlanje sisebenzisa \_\_\_\_\_.  
nee \_\_\_\_\_ nofana nawuthenga izinto ubhadela ngekarada lesikolodo.



Asenzeni lokhu

- Bekani amawulawubhu phasi nanyana nigwale iindulunga esandeni.
- Utitjhere uzakuthi lokha nakanitjela kobana neqe, neqele ngendulungwini ngeenyawo zombili.
- Utitjhere nakathi yeqani, yeqelani ngesiyingini ngenyawo elilodwa.
- Dlalani umdlalo wokweqa ngenyawo linye benibuye neqe ngeenyawo ezimbili.
- Sebenzisa isiqetjhana setjhogo ukugwala iikwere neendulunga ehlabathini.





Ilanga: .....



### Asifunde

Le yindlela uNomzana Maart aqedelela indatjana yakhe lokha nakavakatjhele abafundi kokugcina.

“Kwanjesi njengombana sengithethe umhlalaphasi begodu ngihlala endaweni enepilo ethulileko, edorobheni yeGraaff-Reinet. Ngihlala ngicabanga ngepilo ebudisi kodwana egade imnandi. Sengikhohliwe ngeenkhatzi ezibudisi. ‘Izinto ezinengi sele zitjhugulukile – kunegezi yakwa-Eskom, omunye nomunye unofunjathwako, indlu yakade yeplasini sele yakhiwe kabutjha begodu seyifana njengezindlu ezakhiwa emadorobheni.”

Ezinye izinto zisafana nekadeni. Izimvu zibonakala bezizwakala zisafana nekadeni beqobe qobe ngantambama, umsebenzi usaphuma aphethe ibisi elihlaza elibuya endaweni yokusengela liya ngekhwitjhini. Abojakalasi neempisi zisazibamba izimvu.”



### Asikhulume

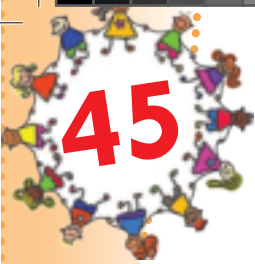
Noke bafundi khulumani ngezinto ezitjhugulukileko soloko nabelethwako.

Kwanjesi khulumani ngezinto enicabanga kobana zihlala zinjalo iminyaka eminengi.



Utijhere:  
Tlikitla:  
Ilanga:



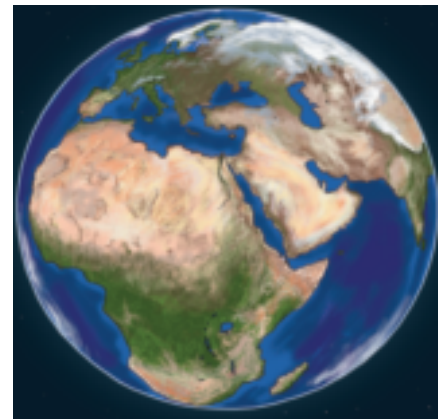


# Umkayi – Iphasi ukusuka emkayini



Asifunde

Iphasi yibholo ekulu nanyana isifyere esiphila kiso. Enye nenge into esizombileko siyibiza ngesikhala nofana ngephasi nezulu. Ukusukela kuphela eminyakeni ema-50 sesikwazi ukuqala nokubona iphasi ukusuka esikhaleni. Ungakwazi ukubona iphasi, ilwandle namafu. Cocisana nomngani wakho ngokuthi ngiyiphi ingcenywe yesithombe ekuliphasi, ngiyiphi elilwandle bengiyiphi emamafu ngiyiphi emamafu. Emebheni ongehla, gadangisa/ threyisa imiqoqo yeengcenywe ongazibona esilinganisweni sephasi lephasi. Sebenzisa amakhrayoni anemibala ehlukeneko eengcenyeni ezihlukeneko. Tlola phasi amabizo weengcenywe ezihlukeneko :



Ukubonakala okuhle kwephasi, ikhaya lethu phezulu kude le emkayini.



Asenzeni lokhu

Emebheni, gandlelela umqoqo weengcenywe zephasi ongazibona esithombeni. Sebenzisa amakhrayoni anemibala ehlukehlukeneko eendaweni ezihlukehlukeneko.



Tlola phasi amabizo weengcenywe zephasi lawo.

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Asifunde

Iphasi linelarha ematsikani yommoya elizombileko. Ummoya loyo ubizwa nge-atmosfijera. Uyalibona iphasi esithombeni?





Ilanga: .....

# Amaplanethi nalo loke irhelo eliphathelene nelanga



Asifunde

I-atmosfere yaphasi iya phezulu ubude obungaba li-120 km. Ngaphezu kwebanga eli-120 km, uba semkayini ongaphandle. Ngaleso isikhathi sele ukulindele ukuhlungana nabomakhelani bePhasi.



Asikhulume

Emkayini ongaphandle ayikho imini – busuku kwaphela. Kungani? Coca nomngani wakho ngokuthi khuyini lokho.

Abomakhelwani abaseduze nathi khulu boke bakuSolar System, okulihlelo elimayelana nelanga.

**Amamithiyosi:** La mamaqa wamatje. Athi lokha nakabetha i-atimosifyere yethu atjhise khulu. Amamithiyosi la akha umtletle womkhanyo ofiyelako ebusuku phezulu esibhakabhakeni. Lokho kwaziwa njengeenkwekwezi ezaziwa "ngabomathukudla". Nangabe zibetha phezulu kwephasi, sizibiza "ngamamithiyosi".

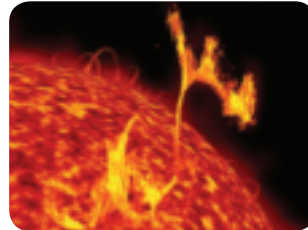
**Inyanga:** Lidwala lebhola emakhaza begodu elifileko nethuli elijikajika lizombe iphasi. Inyanga yincani ngamahlandla abuyelelwe kane kunephasi.

**Ilanga:** Yirhasi yebhola etjhisa khulu. Kude ngaphakathi kwelanga kutjhisa kwamambala bekwenze irhasi incithike. Ukuncithika nofana ikambiso yokuhlangana isipha ukukhanya, umtjhiso namandla ephasini. Ilanga ikwekwezi esendaweni ephakathi yerhelo lelanga.

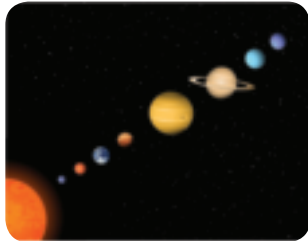
**Amaplanedi:** Ziimbhola ezikulu zamadwala, zomongo wamamoto – njengephasini – nofana yirhasi kwaphela ejikajika izomba ilanga. Iphasini lona linamaplanedi abu-8.

**Amakhomethi:** ziingqa ze-ayisi nerhasi ekhamba phakathi nesibhakabhaka nerhelo eliphathelene nelanga ngerhelo lelanga. Ngesikhathi esifanako eza eduze kwelanga.

Asifunde



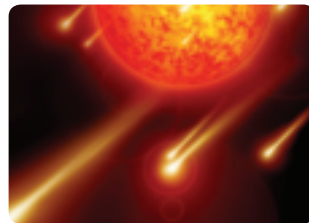
Amamithiyosi



Inyanga



Ilanga



Amaplanedi



Amakhomethi



# linkwekwezi



Asitlola

IPhasi lethu linabomakhelwani abakarisa khulu ehlelweni elimayelana nelanga, iSolar System. Ngimuphi umakhelwani okarisa khulu? Tlola lokho okukhethileko ngenzasi. Tlola iinzathu ezimbili zalokho okukhethileko.

Ngikhetha: \_\_\_\_\_

Iinzathu zami ezimbili: \_\_\_\_\_



Asifunde

Lokha nasidlula amaplanethi amafitjhani siyalitjhiya ihlelo elimayelana nelanga, iSolar System. Kwanjesi sisesikhaleni esingeneleleko sangaphandle:

**Iinkwekwezi:** Ziimbholo ezitjhisa khulu zerhasi, ziyafana nelanga kodwana zona zikude khulu nathi. Zinengi khulu, kunamabhiliyoni weenkwekwezi – angekhe sakwazi ukuzibala siziqede. Iinkwekwezi ziyehlukana ngobukhulu – iLanga lona linobukhulu bekwekwezi obulingeneko.

Iphasi loke nezulu kwamambala liyindawo ehle nerara khulu bekuncani khulu esikwaziko ngalo. Mhlawumbe into ehle khulu ephasini elihle nelirara kwamambala, yiPilo. Ngikho kufanele sibenegugu ngepilo besiyihloniphe.



**Asenzeni lokhu**

- Lalala ingoma yeSewula Afrika utitjhere wakho azoyidlala.
- Wena nesiqhema sakho sebenzani ngalokho enizokwethula ngengoma leyo.
- Ngeenqhema zenu, sebenzani benitlola ingoma enizokurepha ngayo yomvumi othileko odumileko bese niyilingise ngaphambi kwabanye abafundi ngetlasini

**Asidlaleni**

- Utitjhere uzokuhlukanisa itlasi lenu ngeenqhema ezimbili. Dlalani umdlalo webholo erarhwako edlalelwa ngendlini.





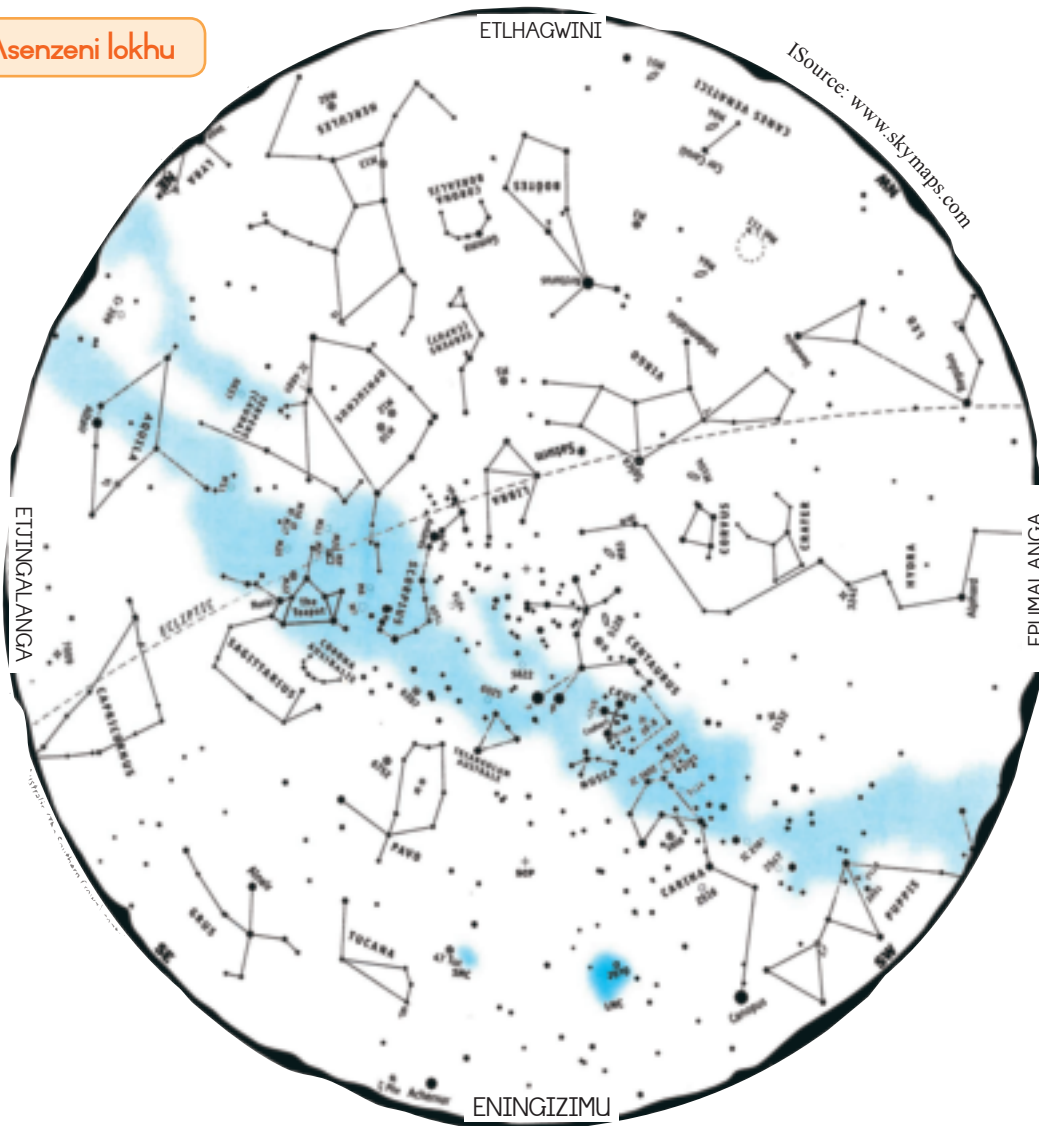
Ilanga: .....

# Amatheleskowuphu



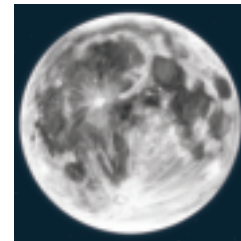
## Asenzeni lokhu

Sebenzisa umebhe weenkwekwezi olandelako netotjhi emnyameni bese ulinga ukuthola ibuthelelo leenkwekwezi. Tshwaya zoke iinkwekwezi ongazibona emebheni weenkwekwezi lo ngetshwayo (✓).



## Asikhulume

ISewula Afrika yakha itheleskowuphu yayo ekulu eduze kweSutherland. Kwanjesi sesinamateleskowuphu akude le emkayini akghona ukusilethela iinthombe ezibuya kude le esikwazi ukuzibona silapha ephasini. Isibonelo yiHubble Telescope, esithumela iinthombe ezihle ezibuya emkayini. Abantu abafunda ngomkayji babizwa ngama- astronomer. Basebenzisa amateleskowuphu ukufunda iinkwekwezi. Eminyakeni ezako, itheleskowuphu ekulukazi yeradiyo izokube sele yakhiwe eduze kweCarnarvon, eThagwini Kapa.



Inyezi ibonakala ngetheleskowuphu





# Ukukhamba emkayini



## Asifunde

Abantu abalandelako ngibo linkutana zalabo abakhamba emkayini.



UYuri Gagarin waba mumuntu wokuthoma ukuzomba iphasi ngesiphaphamtjhini semkayini (mhla ali-12 ku-Apreli 1961).



UNeil Armstrong waba mumuntu wokuthoma ukujama enyangeni (mhla ama-20 kuJulayi 1969).



UMark Shuttleworth wabamSewula Afrika wokuthoma ukuzomba iphasi (ngo-Apreli 2002).



UChrista McAuliffe waba ngutitjhere wokuthoma ukuba ngusolwazi ngeenkwekwezi, kodwana wahlongakala ngengozi lokha isithuthi sakhe semkayini, iChallenger, nasithuthumbako (mhla ama-28 kuJanabari 1986).

Uthi bewazi? U**Mandla Maseko** ohlala e**Soshanguve**, esifundeni se**Gauteng**, uzokuba mumuntu wokuthoma onzima e**Sewula Afrika** ukuya emkayini nge**Lynx Mark II Shuttle** ngomnyaka we-2015.



## Asikhulume

Cocisana nomngani wakho kobana wena ufisa ukuyokuvakatjhela yiphi iplanethi.

Uzokufika kunjani eplanethini leyo?

Ingabe ngikuphi ozokuthatha ukhamba nakho?

Ungathanda ukuhlala lapho isikhathi esingangani?

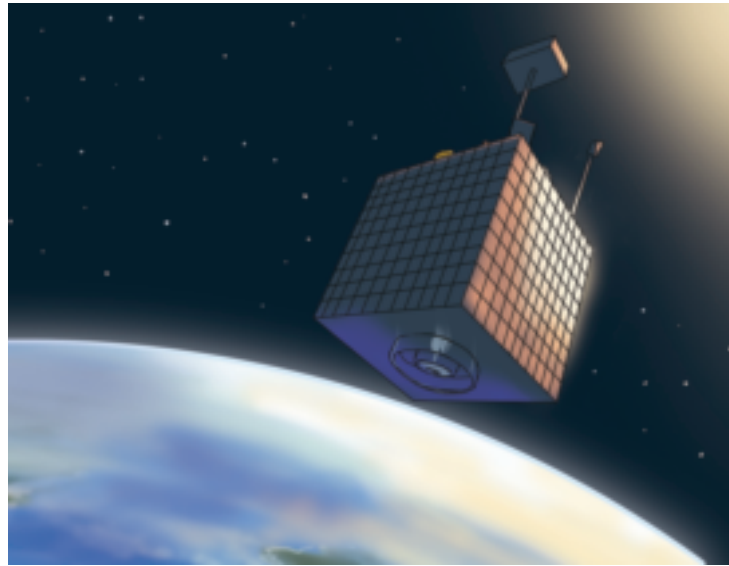


# Amasathalayidi



## Asifunde

Isathalayidi yinto ekhamba mazombe kenye into. Inyanga yisathalayidi yemvelo yephasi. Ngemva kwesathalayidi yokuthoma yokuzenzela eyahlonywa ngomnyaka we-1957, abososayensi base babeka amasathalayidi amakhulu azomba iphasi. Itheleskowuphu iHubble ngenye yamasathalayidi lawo. IYunivesithi yeStellenbosch yatlama isathalayidi yokuthoma yeSewula Afrika mhlolanga ngomnyaka we-1999. Kunamanye amasathalayidi amihlobo ehlukeneko. Afaka hlangana amasathalayidi abuthelela ilwazi ngomkay, amasathalayidi wobujamo bezulu namasathalayidi ekuthintanwa ngawo – cabanga ngamaditjhi wamasathalayidi asemakhaya wethu. Enza kubelula kobana abantu babone i-DSTV! Isathalayidi ekulu yi “International Space Station”, lapha umsebenzi wokulingwa nokutjhejwa kwenziwa khona.



## Asikhulume

Coca nomngani wakho ngemibuzo le. Ngemuva kwalapho ungacocela itlasi ngalokho okucabangako.

- Iinkoloyi ezinengi zine-*satellite tracker*, okuyindlela umthala wekoloyi leyo otholakala ngayo lokha nayilahlekileko ukukhandela kobana izelelesi zingayebi. Irherho lelo lisebenza bunjani?
- AmaSathalayidi asetjenziselwa ukusiza abalimi/abosomaplasi. Ucabanga kobana ihlelo lelo liyasebenza?
- Ungakhe ucabange ngokusetjenziswa okutjha kwamasathalayidi?



Asikhambakhambe  
Utijhere wakho uzokufundisa ukudlala ivolibholo kunye nomdlalo wakakatsu nekhondlo.



Utijhere:  
Tlikitla:  
Ilanga:



## Asifunde

Tshwaya amalanga la phezulu kwekhalenda. Fumana kobana kuzokwenzeka nini emnyakeni lo bese uqedela ngamalanga ngeenkhaleni ezingenzasi.

## Mhla ama-21 kuJulayi

(kuye ngokuthi inyanga etja iyabonakala): Ekuthomeni kwenyanga yeRamadaan – ilanga lekolo yama-Islamu. IRamadaan sikhathi sokuzila ukudla, imithandazo ekhethekileko nokufundwa kweQu'án, ukugidinga ukuphela kokuzila ukudla, ukuphana, ukuhlanzwa ngokokomoya, ukukhanyiselwa nesikhumbuzo sesambulo seQur'an kumPhorofidi uMohammad. Ilanga:

**KuJulayi noArhosi:** YiTisha B'av – Amalanga wekolo yamaJuda. AmaJuda azila ukudla ukulilela ukugirizwa kwamaThempeli wokuThoma newesiBili weJerusalema nokukhumbula ezinye iingozi zamaJuda ezenzeka ngelanga lelo, khulukhulu ukuqotjiswa kwamaJuda eSpain ngomnyaka we-1942. Ilanga lelo laziwa ngokuthi "lilanga elidanisa khulu emlandweni wamaJuda". Ilanga:

**KuJulayi no-Arhosi:** YiRaksh Bandhan – Ifestivali yamaHindu. AmaHindu agidinga ubudlelwano hlangana kwabafowabo (amasokana) nabodadwabo (nabantazana). Udade uzokubophelela irakhi (intabo ecwengileko) edinini lomfowabo (lesokana) njengetshwayo lokumthanda nokumthandazela umfowabo loyo, nomfowabo loyo uzokuthembisa ukumphephisa ipilo yakhe yoke. Ilanga:

**Mhla ali-9 ku-Arhostesi:** liLanga leLizweloke laboMma. lilanga lokuphumula lomPhakathi. Mhla ali-9 ku-Arhostesi ngomnyaka we-1956, abomma abama-Afrika abazi-20 000 barhwanta baya e-Union Building, ePitori baphethe "amapasa". Indima eyadlalwa bomma laba iyagidinwa eSewula Afrika. Ilanga:

**KuArhosi noSeptemba:** yiKrishna Janmashtami – Ifestivali yekolo yamaHindu. Ukubelethwa kwakaKrishna Janmashtami kugidingwa ngokuzila ukudla. UKrishna sithombe esiqakatheke khulu kumaHindu – ubonakala njengobukhona bakazimu uVishnu

## Amanowuthi wakatitjhere:

Iinkolo ezilandelako namalanga akhethekileko azokufundwa ngethemu yesithathu. Kufanele usebenzise ama-iri amathathu ethemini yesithathu ufundise ngamalanga agidingwako, akhunjulwako neenkolo esizinikela kiwo. Ekufanele nikwenze ninoke ngetlasini kuzokuya ngokuthi bangaki abafundi abalandela ikolo leyo begodu kuye nangomgomo wesikolo lesi. Amalanga wokuphumula amabili womphakath kufanele ahlonitjwe maSewula Afrika woke.



ephasini. AmaHindu akholelwa kobana uKrishna mtloli weBhagavad Gita, umtlole oqakathekileko kumaHindu. Ngelanga leli abantwana kanengi bafanekisa ngeenqephu epilweni yakaKrishna. Ilanga:

**Mhla ali-19 ku-Arhostesi (kuye ngokuthi inyanga etja iyabonakala na):** u-Eid-ul-Fitr – Lilanga lefestivali yama-Islamu. Umnyanya lo uyathokozelwa begodu ugidingwa ngendlela encamileko yokuphela kwenyanga yeRamadaan, okusikhathi sokuzila ukudla. UZimu uyadunyiswa, abanganalitho bayatlhogonyelwa abangani nemindeni iyavakatjhelwa.

Ilanga:

**Mhla li-1-7 kuSeptemba:** YiVeke yeLizweloke yokuTjalwa kwemithi. Ukuqakatheka kwemithi kuyagandelelwa. Ilanga:

**Mhla abu-8 kuSeptemba:** LiLanga leeNtjhabatjhaba lokwAzi ukuFunda nokuTlola. Ilanga leli ligandelela ukuqakatheka kokwazi ukufunda ngamunye, kwezakhamizi nemiphakathi.

Ilanga:



**KuSeptemba:** yiRosh Hashanah – Malanga wekolo yamaJuda. URosh Hashanah lilanga lomnyaka omutjha kumaJuda. Lilanga lokuzwakalisa itjhofa nokudla ukudla okulitshwayo okufana namahabhula afakwe ngaphakathi kweliju ukukhumbula labo abazibandakanyileko ngethemba lepilo emnandi ngomnyaka omutjha.



**Mhla ama-24 kuSeptemba:** iLanga lamaGugu. Lilanga lokuphumula lomphakathi. Woke amaSewula Afrika angagidinga amasiko wawo kanye namasiko wabanye ngokuhlukahlukana kwabantu.



**KuSeptemba no-Oktoba:** yiYom Kippur – amalanga wekolo yamaJuda. Lawa malanga angcwele khulu kumaJuda begodu eza ngemva kwamalanga ali-10 weRosh Hashanah. Aziwa ngelokuthi "lilanga lokuhlawulela". Amakholwa kulindeleke kobana asebenzise 'amalanga aziwa ngeleDays of Awe' ukucabanga ngezono zawo nokuphendula. Ngelanga leYom Kippur, uZimu ulibalela zoke izono, abantu bazila ukudla begodu babuyisana noZimu.



**Mhla ama-30 kuSeptemba:** yiPitr Paksha – Ifestivali yekolo yamaHindu. AmaHindu athandaza abezimu bawo abaziwa



# Iintjalo – Esikuthola kizo



## Asifunde

Iphasi linezinto eziphilako ezinengi. Kuneenlwana, abantu, izimvu namagwababa, iintjalo ezifana nesiphila nemithi yemidubi, nokukghorako, okufana lelindle/nobulongwe wesirhwarhwa.



Iintjalo kanengi zinamataka, amakari, iziqu nemirabh. Ziba namathuthumbo, iinthelo nembewu. Ezinengi zinamakari onombala ohlaza satjani.

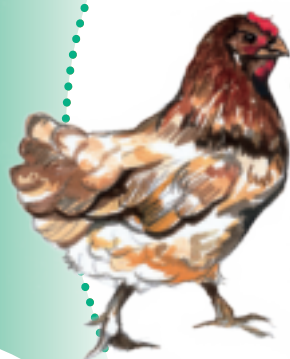


## Asikhulume

Kubuya kuphi ukudla esikudlako?

Qala iinthombe bese ucoca nomngani wakho ngazo. Ekhasini elilandelako, kunerhelo lokudla. Okubili kwakho akubuyi ezintweni eziseenthombeni. Ngikuphi ukudla lokho?

Senifundile ngokuthi ukudla kwethu kubuya kuphi? Akhe uqale kobana ngikuphi okukhumbulako.





Ilanga: .....



### Asifunde

Iintjalo zisipha imihlobo eminengi yokudla. Yoke imirorho, iinthelo, amantongomani kubuya eentjalweni. Iintjalo zisenza sihlale siphilile begodu zinamavithamini, amaminerali, amaphrotheyini, amakhabhohayidredi, i-oli nefayibhra. Namatjhokoletshi abuya emantongomanini.



### Asitlola

Tlola incwadi iye emuntwini okunguye kanengi okwenzela ukudla. Sebenzisa amagama aserhelweni elingenzasi encwadini yakho. Sebenzisa ifremu elandelako:

ipuphu umratha ithanga izambana ikherothi iphinabhatha uburotho  
ikhekhe ilethisi isaladi iperegisi amahabhula ikhabe

Othandekako \_\_\_\_\_

Ngiyathokoza \_\_\_\_\_

Ngithanda ukudla \_\_\_\_\_

Angikuthandi \_\_\_\_\_ ngombana

\_\_\_\_\_

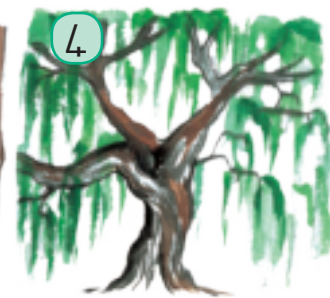
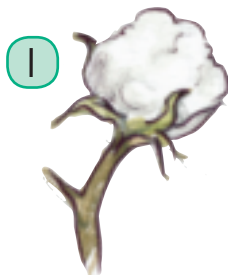
Kungabe uzongenzela \_\_\_\_\_.

Ukudla okubuya eentjalweni kuhle ngombana \_\_\_\_\_.



### Asikhulume

Qalisisa iinthombe ezilandelako bese ucocisana ngazo nomngani wakho mayela namajamo iintjalo ezingaba nawo.



# Iintjalo - Umoba ukuya etjhukeleni



Asifunde

Itjhukela ngokhunye kokudla esikutlhogako ukuze sihlale siphila. Kunemihlobo ehlukeneko yetjhukela. Sithola itjhukela eenthelweni. Ibisi nalo linetjhukela. Isithombe esisendlalelo lapha ngenzasi sitjengisa isimu yomoba ekulu KwaZulu Natal.



Asifunde

Umoba uqakatheke khulu.

Umoba sitjalo eside esifana nefe. Ukhula endaweni emahlathi. Umoba udinga umkhanyo omnengi kanye nezulu elinengi. ESewula Afrika, isifunda saKwaZulu-Natal ngiso esifanele ukutjalwa komoba.

Asenzeni lokhu

1. Qalani iinliliswa zomvumo utitjhere wenu azonitjengisa zona.
2. Lalelisani imihlobohlobo yomvumo ehlukeneko utitjhere wenu azonidlalela wona.

Cocani ngalokhu:

- Igido lengoma
- Ingabe ingoma ibetha kabuthaka nanyana irhabile?
- Ingoma ililela phezulu nanyana phasi?
- Ingoma/Umvumo ukwenza uzizwe njani
- Ngiziphi iinliliswa ongazibala ezidlala engomeni

Asikhambakhambe

Qedelela umdlalo onesiqabo utitjhere wenu awakhileko.

Utitjhere wakho uzonikutjengisa kobana nigijima njani ephaliswaneni lemilenze emithathu.





Ilanga: .....

Qala isithombe esilandelako somoba. Yelela iingaba ezilandelako zesitjalo:

Isiqu eside esisagolide; Amakari amade amatsikani;

Isiqu sinamalungu; imirabhu esiqubuthu phasi ehlabathini

Umoba ukhula eenyageni ezili-14 ukuya kezima-24 ngaphambi kobana ukulungele ukuvunwa. Isiqu sinetjhukela – isiraphu ezotho enamathelako – engafaniko netjhukela esiyisebenzisa emakhaya!

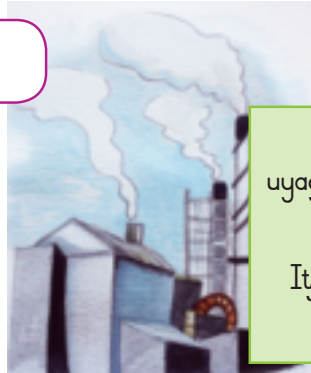


Asitlole

Nombora iinthombe ngokulandelana kwazo ukutjengisa kobana itjhukela ikhiqizwa njani.



Iintregere ziyatjala.



Esigayweni umoba uyagandelelwa bese kukghanywa isiraphu ezotho kiwo. Itjhukela iyahlwengiswa bese ilungela ukuthengiswa.



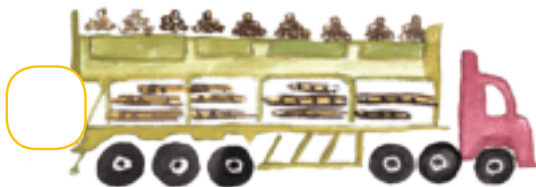
Umoba uyavunwa bese ubotjhwa iinyanda.



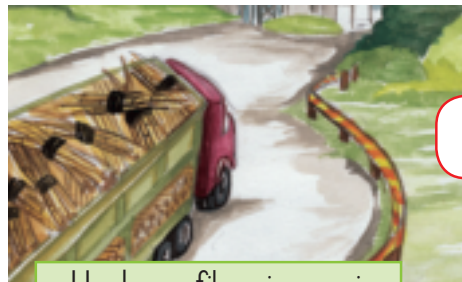
Amanzi ayasetjenziswa ukuthelelela umoba.



Amahlumela womoba ayatjalwa.



Umoba usiwa esigayweni.



Umoba uyafika esigayweni.



# Iphasi – Ukusuka ehlabathini ukuya esitineni



## Asifunde

Ethemini ephelileko nifunde ngephasi. Iplanethi esihlala kilo leli. Iphasi lisipha okunengi kwalokho esikutlhogako ukuze siphile.

Iphasi lizonjwe lilarha elimatsikani lommoja. Ilarha leyo inommoja ohlwengileko, i-oksijini, esiyitlhogako ukuze siphile.

Ilarha ematsikani yephasi ngileyo esihlala kiyo siyibiza "ngelekhrasti", inehlabathi ngaphezulu, esingayisebenzisa ukutjala ukudla kwethu. Ilarha yokuthoma yephasi begodu inamadwala aqinileko afana neentaba. Elarheni le sifumana amaminerali afana negolide, idayimani, iphethroliyamu namalahle.

Elarheni ematsikani yamatje le sifumana amalwandle. Emalwandle siyifumana ukudla okufana neehlambi. Ilwandle nalo liqakathekile ngombana imikhumbi eminengi isebenzisa lona ukuthutha ipahla nabakhweli.



## Asenzi lokhu

Sebenzisa ilwazi elingehla ukugwala isithombe sephasi. Sebenzisa izinto zokutlola ezihlukeneko ngendlela ongakghona ngayo. Ipensela, amakhrayoni, amakhrayoni wamafutha, i-enge nepende. Sebenzisa izinto zokutlola ongakhange uzisebenzise ngaphambilini. nanyana izinto ezingabonakala zizitja kuwe.





Ilanga: .....



**Asikhulume**

Senifundile kobana ukudla kubuya kuphi. Wena nomngani wakho tshwayani (✓) kobana ngikuphi ukudla okuphuma poro ehlabathini:

Grwala umuda osuka egameni ngalinye uye esithombeni. Irhelo lakho litjho ukuthini kuwe?

abhula	
yefarigi	
itjhizi	
ilamune	
amaqanda	
gem squash	
amasi	
isipinitjhi	
inyama	
amaperegisi	
amabhontjisi	



**Asikhambakhambe**

- Vuthela amagwebu ngethungeni elinamanzi.
- Faka ubuso bakho ngethungeni elinamanzi imizuzwana emithathu ubambe ummoya, hlala uvule amehlo neempumulo.

**Lingisa kwangathi uyaduda**

- Lala ngomhlana urarhararhe iinyawo.
- Lala ngamathumbu urarhararhe iinyawo.
- Jama ngeenyawo uphaye izandla njengalokha ubuyela emuva.
- Kwanjesi phaya izandla zakho ziye phambili njengalokha nawududa uyaphambili.



**Asitlola**

Tlola isigatjana usithumele ephasini ulithokoze ngalokho elisipha khona. Ngezelela ngomutjho owodwa wathembisa ukulitlhogomela iphasi.

Phasi elithandekako

Ngiyakuthokoza \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Ngiyethembisa \_\_\_\_\_



Utijhere: \_\_\_\_\_

Tlikitla: \_\_\_\_\_

Ilanga: \_\_\_\_\_

# Iphasi – Ukusuka ehlabathini ukuya esitineni



## Asifunde

Iphasi linemihlobo ehlukeneko yehlabathi. Umdaka ngomunye umhlobo wehlabathi. Eminyakeni eminengi edlulileko abantu bebasebenzisa umdaka ukwenza iintina abakha ngazo izindlu.



## Asenzi lokhu

Gwala izinto ezimbili esingazakha ngeentina bese unikela umgwalo ngamunye isihloko.



## Asitlale

Phendula imibuzo elandelako.

Kungani iintina zingafani ngemibala?

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Kungabe iintina zenziwa ngehlabathi kwaphela?

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Ilanga: .....



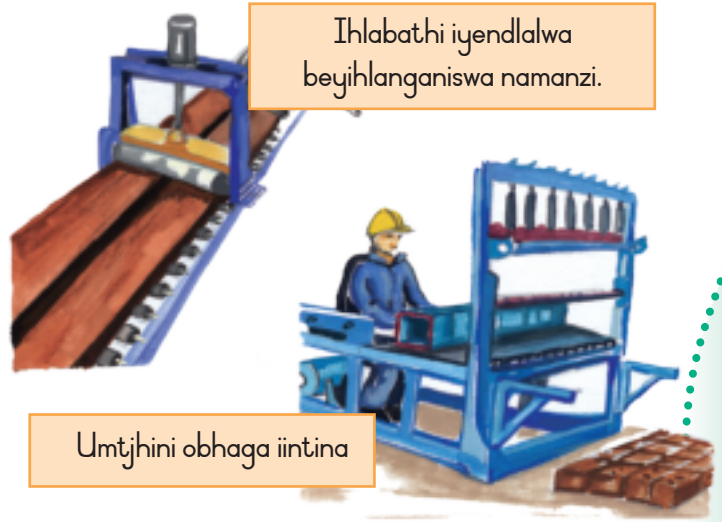
Asitlole

Nombora iinthombe ezilandelako ngelandelano kwazo utjengise kobana sizenza bunjani iintina.



Kwenjiwa idaka.

Umtjhini usika idaka libe mitletlana.



Ihlabathi iyendlalwa beyihlanganiswa namanzi.

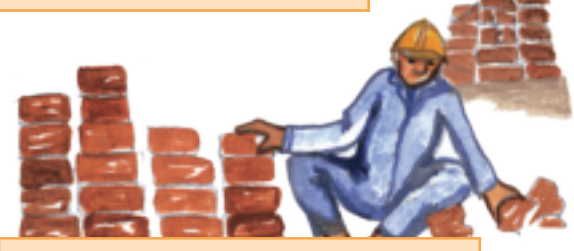
Umtjhini obhaga iintina



Iintina ziyomiswa, iintina ezomileko ziyapakwa.



Iintina ziphuma emtjhini, ziyapakwa



Iintina zibekwa phezu kwezinye ngamabuthhelelo sezilungele ukuthengiswa.

Nombora imitjho engenzasi ukuze ilandelano kuhle ukutjengisa kobana sizenza bunjani iintina.

	Kuthi lokha iintina nazikhutjiswa nge-ondweni yokomisa iintina bese ziyakhethwa zibekwe kuhle.
	Ihlabathi isefiwa kuhle bese idutjwa/ihlanganiswa namanzi.
	Kusetjenziswa umtjhini ukusika imitletlana ibe.
	Ihlabathi iyenziwa kusetjenziswa imitjhini emikhulu.
	Iintina zibekwa phezulu kwezinye ngamabuthhelelo sezilungele ukuthengiswa.
	Iinqetjhana zomdaka ziyabagwa ngaphakathi kwe-ondo.
	Ihlabathi ehlanganisiweko isikwa ngomtjhini.
	Amabhlogo womdaka ayomiswa.



Utijhene:  
Tikitla:  
Ilanga:



# Ihlekelele nalokho esifanele ukukwenza - iinkhukhula



Asifunde

## Ihlekelele

Ihlekelele yinto eyenzeka kungakalindeleki begodu engaba nomphumela omumbi khulu ebantwini naphezulu kwemvelo. Ihlekelele ingabanga ukufa kwabantu abanengi bekubange nomonakalo.

Inhlekelele ezinengi zibangwa yimvelo njengommoya nezulu. Isibonelo, iinkhukhula ngemva kokuna kwezulu elikhulu. Abantu nabo bangayibanga ihlekelele. Isibonelo, ukutjhiya ikerese ikhanya ubusuku boke kungabanga ukutjha komlilo.



Asikhulume

Qala iinthombe ezilandelako bese ucocisana nomngani wakho ngazo.

Cocani ngalokho enikubonako esithombeni ngasinye. Yitjhoni kobana isithombe ngasinye siveza muphi umhlobo wehlekelele.

Tlola phasi lokho okucabangako.

Utitjhere wakho uzokutlola irhelo leempendulo zomunye nomunye umfundi ebhodini.

Ngezelela ngeempendulo ezingafaniko nezakho.





Ilanga: .....



Asifunde

Funda i-athikili yephephandaba elilandelako ngehlekelele yeenkhukhula. Kokuthoma funda ngokwakho. Landelanisa ngokuhlala nomngani wakho bese nifundela phezulu. Dlheganani . Funda isigaba bese umngani wakho afunde esilandelako.

# Iinkhukhula zibanga ihlekelele

Schmidtsburg

ngoMgqibelo

14 kuJanabari 2011

*Edorobheni leThlagwini Kapa kubhubhe abantu abali-12 bekwathi abamatjhumu amane nahlanu baphephiswa besele bakhwele phezulu kwemithi nemifulelo yezindlu.*

Umonakalo wenzeka ngemva kokuna kwezulu elikhulu ngeLesihlanu. Izulu line khulu kwamambala lادلللا ngendlela abantu bebalindele ngakho.

Kube ziiwuruwuru ezimbi khulu edorobheni leli soloko kwangomnyaka we-1985. Abantu ababili bahlongakele lokha nagade balinga ukweqa ibhlorho edorobheni ngeekoloyi. Iinkoloyi zabo zirhurhulwe mamanzi.

Iinsebenzi zamapholisa zobujamo oburhabekileko, beencima-mlilo namasotja ahlanga abantu. Amapholisa asaqalisisa nangabe boke abongazimbi batholakele. Abantu abanengi edorobheni balahlekelwe ngikho koke kwangendlini. Iindawo ezakhiwe eendaweni ezingenzasi eduze kwemilambo ngizo ezibetheke khulu. Abanye abongazimbi akhange balalele



iinyeleleliso ngamapholisa.

Abantu abanengi abanazambatho nokudla. Kwanjesi bahlala emaholweni wamasonto nanyana nabangani nemindeni.

Kuzokuthatha iinyanga ezisithandathu ukulungisa nokwakha kabutjha koke. Umeyera ubawe boke abantu kobana babambisane.



Asitlola

Buyelela ufunde iphephandaba bese uphendula imibuzo elandelako.

Kungabe ihlekelele yenzeka kisiphi isifunda?

Izulu lana nini?

Kungabe bekuvamile kobana izulu line kangako edorobheni lelo?

Kwabangelwa yini kobana abantu abanengi bangabi nakho ukudla?



Utityhere:  
Tlilitla:  
Ilanga:





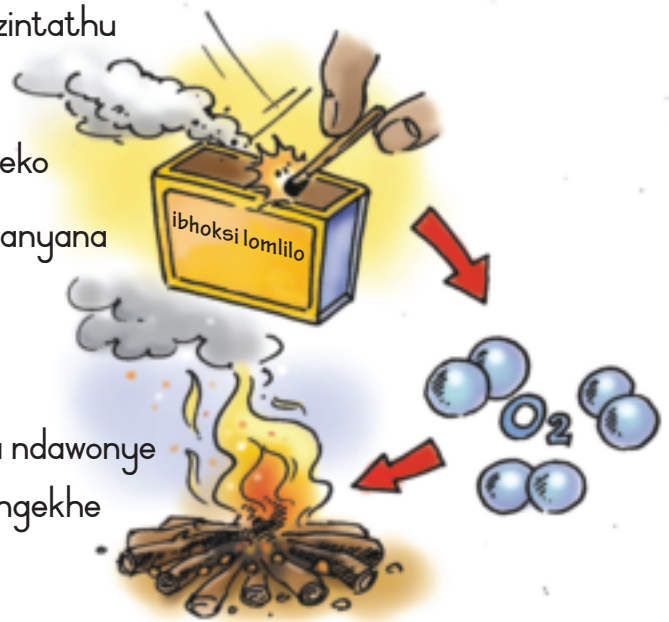
## Asifunde

## Umlilo

Umlilo ubakhona lokha nakuhlangana izinto ezintathu ndawonye. Izinto lezo ngilezi:

- isibaseli esingalumatha, njengekhuni elomileko
- umlilo ofana nesibaseli obuya elayidereni nanyana ethorweni yomlilo
- irhasi esemoyeni eyaziwa nge-oksijini

Zoke izinto lezi ezintathu kufanele zibe khona ndawonye ngasikhathi sinye. Bewazi nje kobana umlilo angekhe uvuthe nangabe i-oksijini ayikho?



## Asitlola

Utijhere wenu uzokukhanyisa ikerese bese ugubuza irhalasi ngaphezu kwayo. Qalani kobana kwenzeka ini.



Kubayini lokho kwenzekile?

Tlola umutjho owodwa encwadini yakho yokutlola umsebenzi.



## Asikhulume

Wena nomngani wakho funani iimpendulo zemibuzo elandelako:

Kubayini ilangabi lekhandlela licimile?

Kumele uyazi ipendulo yombuzo lo nangabe ukhe wacima umlilo? Kubayini?

Utijhere wakho uzokulalela zoke iimpendulo bese uyaqunta kobana ngiziphi okungizo neziphuma phambili.



## Asikhulume

Noke ngetlasini khulumani ngezinto ezingatjha. Khulumani ngezinye zezinto lezi eningazifumana emakhaya. Ekukhulumeni kweni, ngiwuphi umlayezo ongawuphathela abasemakhaya ngokuphepha emlilweni?



Ilanga: .....



Asitlola

Tlola iimpindulo zakho ngeenkhaleni ezingakatlolelwa ethebuleni elilandelako.



Umlilo uqakatheke ngani?	
Umlilo usipha	Singawusebenzisa bunjani umlilo
Ukutjhisa	Ipendulo yakho:
Ukukhanya	Ipendulo yakho:



Asifunde

Nikela utitjhere incwadi yakho ukuze aqale iimpindulo zakho.

Ihlekelele yomlilo ingabanga umonakalo omkhulu nokuhlongakala kwabantu.

Umlilo wommango ngesinye isikhathi ufanele ngombana usiza iintjalo kobana zikhule. Kodwana umlilo wommango omkhulu ungoni iintjalo bewubulale neenlwana.

Umlilo wommango godu ungabanga nokurhurhuleka kwehlabathi nokusilaphazeka kommoya.

Kuyadanisa kobana abantu abamatjhapha babanga pheze umonakalo womlilo ali-9 keli-10 (ongaphezu kwama-90%).

Soke kufanele sifunde ukukhandela umonakalo womlilo begodu sazi nokobana sifanele senze ini lokha nakunomlilo omkhulu. Ngijiphi ingozi ethusela umsana ongesandleni sokudla? Ngikuphi angakakwenzi ngefanelo?



- Asenzeni lokhu
- Sikani iinthombe zabantu kibomegazini.
  - Yenzani ikholaji yesinthombe lapha izitho zabantu zomzimba zivela khona.



Utitjhere:  
Tlikitla:  
Ilanga:



# Umbani

Asifunde



Ngesinye isikhathi nawuthinta into eseduze kwento ethileko eyenziwe ngemethali efana nefremu yomnyango, uzwa itjhada elihlabako elichwarhazako ngemva kwalapho uzwe utjhowugeka kancani. Lokhu kungombana enye igezi yakhele emizimbeni yethu begodu idluliselwa ezintweni eziyimethali lokha nawuzithintako.



Ukukhanya esikubonako nekudumako bekubetha umbani kuyafana. Igezi iyakheka elifini phezulu bese "idluliselwa" kelye ilifu nanyana ephasini.

Ukuthuthumba okukhulu okuzwako ngemuva kokuphazima kombani kufana netjhada lalokha uthinta into eyimethali. Qobe mnyaka, eSewula Afrika kuhlengakala abantu abangaphezulu kwamatjhumu amathathu babethwa lizulu nanyana mphezulu.



**Nasi imiyalo yokuphepha lokha nakuduma izulu.**

Izulu nalingaduma usendleleni, khumbula:

- Ungathomi uhlale ngaphasi komuthi nanyana eduze kwedrada.
- Ungazifihli ngaphasi emgodini.
- Nangabe usemlanjeni nanyana edamini nanyana echibini, phuma masinya!





Asikhulume

Cocisana nomngani wakho ngokuthi kubayini ukuhlala ngaphasi komuthi lokha nalidumako kungakalungi.



Asenzeni lokhu

Buyelela ufunde imiyalo yokuphepha lokha nakuduma izulu. Khetha umyalo owodwa.

Gwala iphostara uyelelise abantu ngokuphepha lokha nakuduma izulu. Iphostara yakho kufanele:

- ibe namagama atloliweko
- ibe neendlela ezimbili zokwakheka
- ifundeke beyizwakale masinya



Asenzeni lokhu



- Lingisa ngomzimba wakho ukwakheka kombani okusekhasini 46. Jama njalo imizuzwana eli-10.
- Jama ube ngomunye "umbani" bese ujama njalo imizuzwana ema-20. Jama uqalane nomngani wakho, uzokutjhuguluka kabuthaka ujame njengomunye umbani. Nawujame ngaphambili kwesiboniboni, kopa yoke imisikinyeko leyo.
- Buyelela uzijamele uwedwa godu.
- Kwanjesi khambisani imizimba yenu masinya khulu kwangathi nimisebe yombani.
- Buyelelani imisikinyeko leyo.



Asikhulume

Kungabe uzobe uphephile lokha nakuduma bekuphazima izulu wena ungekologyini?

Cocisana nomngani wakho ngalokho.

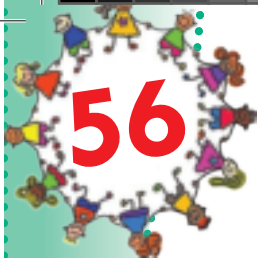
Kungabe kuyakghonakala kobana umbani ubuyelele ubethe endaweni eyodwa?

Cocani ngombuzo lo ngetlasini nabanye abafundi.

Kwanjesi zithabiseni ngomdlalo wetenisi nisebenzise isandla ukuya ngaphambili nokuya ngemuva.



Utijhere:  
Tlikitla:  
Ilanga:



# linwuruwuru nommoya



Asifunde

Funda ngelemuko lakaMaisy leewuruwuru.

## Ilemuko lami elimbi khulu

Amafu anzima abuthana masinya mhlankho. Ubaba khabe alalele iindaba emrhatjhweni. Umrhatjho khabe ulokhu uyelelisa abantu ngemimmoya enamandla ezokukhambisana nezulu elikhulu khulu. Amapholisa nawo afika azositjela kobana kufanele senze ini lokha nasele kufike iinwuruwuru.

Ubaba wafika wathatha itotjhi nomrhatjho wakhe omncani namaphepha anemininingwana yethu eqakakathekileko wawafaka ngeplastikini. Umma yena wafaka ngesikhwameni izambatho zomunye nomunye zamalanga amabili. Ugogo naye wabutha bewafaka amapilisi wakhe wobulwele be-high blood ngesikhwameni esincani asibophelela edinini. Sazalisa namabhodlelo wamanzi esingawaphatha.

Ubaba wagawula itaka lomuthi owabe ungaphezulu wengamele indlu yekhetu. Savala amafesidere bese ubaba wanamathisela itheyjphu emarhalasini wamafesidere bewawabethelela nangeempikiri.

Kwathi nakulokhu kuba nzima njalo, lathoma ukuna ngamandla. Ummoya wavunguza ngamandla amakhulu.

Kwathi lokha amanzi nakathoma ukugeleza ngaphambili komnyango wekhaya





Ilanga: .....

wangaphambili, abasebenzi bakwamasipala bathoma babeka imigodla yesanda bebasipha neemplastiki ezinzima ezikulu kobana sizisebenzise njengeenjasi zokukhandela izulu. Khabe sesaba kwamanikelela. Amasenge atjhida kwase kuvuza amanzi yoke indawo. Umzuzu omunye nomunye, bekuba nokhunye ebekubetha phezulu kwendlu. Kwaba netjhada elikhulu lokutlebhuka nokubetha ngamandla okwabe kuvala iindlebe. Indlu yekhaya ngemuva kwalapho yasele ingasesenamfulelo!



Sathwala iimplastiki ezinzima ehloko sikhandela izulu lokha nasiphuma ngendlini sibaleka. Khabe siphepha nezinto ekhabe ziphephulwa mummoya. Umkayi wakhe ukhanyiswe ngomkhanyo wemibani. Sagijima edakeni sesiya endaweni yomphakathi. Abantu abanengi abanye besele babuthene lapho.

Ngakusasa, ngaphandle gade kubonakala kuyindawo yesehlakalo somonakalo omkhulu. Iinkukhu zekhaya khabe zingasabonwa nangelihlo, begodu neenkomo zabaleka.

Isiwuruwuru saba yihlekelele ekulu besabanga umonakalo emadorobheni amanengi abomakhelwana. Sasinetjhudulokha nasisaphilako.



**Asikhulume**

Lingisani indatjana elandelako. Amagama alandelako ahlathulula imihlobo ehlukeneko yeenwuruwuru :

Iharikheyini: mummoya omkhulu ongabanga umonakalo omkhulu

Isayitloni: mummoya ovunguza uziphatha endaweni eyodwa

Ithonado: mummoya onesivunguvungu esiyingozi khulu okhamba endaweni encani

Ucabanga kobana ngisiphi isiwuruwuru esasahlela umndeni?

Ngikuphi ekwenziwa mndeni ukuziphephisa esiwuruwurwini?



# Ukusikinyeka kwephasi



## Asifunde

Ukusikinyeka kwephasi kwenzeka lokha ingcenywe yekhrasti nayitjhida masinya beyidengezele nanyana ihlengenzele.

Umsikinyeko omasinya ubangela amagagasi akhamba ngaphakathi kwekhrasti yephasi. Amagagasi lawo asikinya iphasi nezinto ezinengi eziphezulu kwalo – ngikho esikwazi ukukuzwa nokukubona.

Ukusikinyeka kwephasi kungabanga ukuhlongakala nokulimala kwabantu okunengi bese kube nokonakala okhukhulu khulu kwemakhiwo.



## Asifunde

Naka amanye amaphuzu aliqiniso ngokusikinyeka kwephasi. Hlalani ngeenqhema zabafundi abane. Dlheganani ngokuwafundela phezulu.

- Umnyaka nomnyaka mnyaka kuhlongakala abantu abazi-10 000 ngokusikinyeka kwephasi.
- Ukusikinyeka kwephasi okubunane kokulitjhumu kwenzeka eendaweni ezibhodwe ilwandle iPacific.
- Ukusikinyeka kwephasi ngaphasi kwamalwandle ngesinye isikhathi kubangwa magagasi wamalwandle amakhulu nanyana amatsunami.
- Amatsunami akhamba ngaphetjheya kwamalwandle ngebelo eliphhezulu. Amanye afika ebelweni elimakhilomitha ali-190 nge-iri.
- Amanye amatsunami abubude obumamitha ali-15.
- Itsunami engekulukazi eyenzeka mhla ama-26 kuDisemba 2004.
- Yathinta kabuhlungu iinarha ezi-11 eziseduze kwelwandle
- bangatlama i-Indian ocean. Kwenzeka enye godu iTsunami embi eJapan ngomhlaka 11 kuMatjhi 2011.
- Bangahlongakala kungakhandelwa nangabe abantu bangahlelela



- ihlekelele yokusikinyeka kwephasi. Bangatlama imakhiwo ejikela ngemahlangathini woke lokha nakunokusikinyeka kwephasi kunokuthi iqephuke nanyana yephuke.
- Mhla ama-29 kuSeptemba ngomnyaka we-1969, ukusikinyeka kwephasi okunamandla kwasikinya iCeres, iTiulbagh neWalseley eTjingalanga Kapa.
- Ukusikinyeka kwephasi okunjalo akwenzeki eSewula Afrika.
- Amadorobho amakhulu alandelako, iDurban, iPietermaritzburg neCape Town madorobhakazi weSewula Afrika asengozini yokwehlakalelwa kusikinyeka kwephasi.
- Kusuka ngenyanga yakaFebherbari ngomnyaka we-2010, irijini ye-Augrabies, eseTlhagwini Kapa yahlaselwa kusikinyeka kwephasi.
- ESewula Afrika kuneentetjhi ezima-26 ezisiyelelisa ngeengozzi zokusikinyeka kwephasi.



**Asenzeni lokhu**

Qala umebhe wephasi. Ngemva kwalapho tshwaya nanyana utlole okulandelako phezu komebhe:

- 1 Ilwandle lapha kwasikinyeka khona iphasi.
- 2 Irijini lapha kwasahlela khona iTsunami ngoDisemba we-2004.
- 3 Inarha lapha itsunami yahlasela khona mhla ali-II kuMatjhi ngomnyaka we-2011.
- 4 Idorobho elikhulu eTjingalanga Kapa elingahle libe nesehlakalo sokusikinyeka kwephasi
- 5 Idorobho elikhulu elilodwa KwaZulu-Natal elingathintwa kusikinyeka kwephasi.
- 6 Indawo eseTlhagwini Kapa, enokusikinyeka kwephasi okuphethuzelako.



**Khalara umebhe woke ngamakhrayoni.**





58

Ithemu-4 – Imveke 6

# Iinlwana ezisisizako: Isaziso



Asikhulume

Qala iinthombe ezilandelako. Iinlwana ezilandelako zisisiza ngani.



Asifunde

Kade khulu, abantu bathoma ukusebenzisa iinkhumba zeenlwana njengezambatho ukuzivikela emakhazeni nemmoyeni.



Ngokukhamba kwesikhathi abantu babona kobana bangasebenzisa newulu ebuya ezimvini nakezinye iinlwana ezifana nama-Ilama ukwenza izembatho. Izambatho lezi zabe zilula begodu zifuthumele khulu kuneenkhumba.





Ilanga: .....

Sitjhuka iinkhumba zeenlwana ukwenza imihlobohlobo ehlukeneko yemikhiqizo efana neenkhwama, iinkhwanyana/amaphesi namanyathelo. Sithola inyama eenyamazani. Kodwana abantu abanengi abayidli inyama ngebanga lekolelo yabo nanyana ngebanga lokobana babona kungakalungi ukudla inyama yeenyamazana.



Namhlanje, sithola imikhiqizo ehlukeneko ebuya eenlwaneni esiyisebenzisela ukwenza izembatho. Sifunyana ikoteni ezimvini neembuzini ezaziwa ngama-angola. Cabanga ngamajezi neenkhafu ezihle esingaziluka ngekoteni ye-angora, ebizwa ngesiyeni kobana yi-mohair.



Woke ama-athikili anetshwayo leli enziwe ngekoteni yamambala.



Esibungwini esimhlophe esaziwa ngecimbi sifunyana isiliga. Isiliga isetjenziselwa ukwenza izinto zetjhila elibuthakathaka ezithambileko.



# Iintwana nezisinkela khona: Iinyosi



Asifunde



Iinyosi zenza iliju lazo nekhokho leliju begodu zisiza abalimi kobana bakhiqize isithelo. Iinyosi zihlala endaweni eyaziwa ngeenhlakaneni. Ezinye zeenyosi ziyaphuma ziyokubutha ipova nenektha emathuthumbeni. Zibuya nalokho ezikutholilelo zikuse ngeenhlakaneni. Ipova iphiwa iinyosi ezincani begodu inektha iyatjhugululwa ukwenza iliju elizokudliwa ziinyosi ezidala. Iinyosi zigcina iliju bese kuthi ipova igcinwe ngaphakathi kwekhekhebana leenyosi.

Ikhekhebana leenyosi lenziwe ngekhokho elikhutjiswa ziinyosi emizimbeni yazo.

Abantu abaphila ngokutapa iinyosi batapa iliju elingezelweko lelo iinyosi engekhe zalisebenzisa njengokudla kwalo. Iliju kukudla okunepilo kwamambala, silitjhatjha eburonthweni begodu sidle ngalo umdoko.



Ikhokho leliju leenyosi lisetjenziselwa ukwenza imikhiqizo eminengi ehlukeneko, efana nelandelako:

- amakerese
- iporitjhi yefenitjhara
- isizeso somlomo neenzeso zobuso
- into engangeni amanzi yesikhumba
- iporitjhi yemikhiqizo yesikhumba, njengeyamanyathelo
- isibha
- amakhrayoni



Ilanga: .....

Iinyosi nazo ziqakatheke khulu kithi, njengombana zisiza nje iintjalo zokudla okulinywa balimi ukwenza imbewu etja nokukhulisa iinthelo iintjalo ezitja ezingazikhulisa. Iinyosi zenza lokhu ngokuthwala ipova. Ipova isuka kesinye isitjalo iye kesinye lokha nazibuthelela ipova amanzi amnandi, inektha.



Pheze isiquntu sesithathu sokudla esikudlako kuyazusa ekwenziweni kwepova ziinyosi. Kwanjesi sele kuneenyosi ezincani khulu nakumadaniswa nakadeni ngebanga lamalwele nokusetjenziswa kweenhlaha ezibulala iinunwana. Yelela nawubona iinyosi. Lokha nazingakutinyela, kubabuhlungu khulu.



Asitlole

Kungabe imitjho elandelako iliqiniso nanyana imamala?

Tshwaya ibhoksi okungilo ngetshwayo (✓).

	Liqiniso	Mamala
Ukutinyelwa yinyosi kubuhlungu khulu.		
Iinyosi zilahla ipova lokha naziphaphela eendlwaneni zazo.		
Abalimi bathathela iinyosi iliju loke ezinalo.		
Iinyosi ezakha iliju, zaziwa ngokuhlala eduze nabantu		
Iliju linetjhefu nalisetjenziswa ekudleni okutjhisako.		
Ikghomu yeliju iyasiza ukuphazimisa amanyathelo.		
Ikghomu yeenyosi ayikwazi ukubamba amanzi emanyathelweni wesikhumba.		
Iliju liyababa.		
Isibalo seenyosi siyangezeleleka.		
Iinyosi zisebenzisa iliju njengokudla.		



# Iinlwana nezisinikela khona: iinkukhu



## Asifunde

Iinkukhu nazo ziwela ngaphasi komkhakha weenlwana owaziwa ngeenlwana ezineempiko.

Ifuyo eziinyoni efuywa emakhaya ziinyoni ezijayela abantu.

Eenyonini ezifuywa emakhaya amaqanda, inyama neensiba. Iinyoni ezifuywa emakhaya lezi zifaka hlangana iinkukhu, amazuba, iinkwali, amagalagune namathendele "neenyoni ezithanda amanzi" ezifana namadada namarhansi.

ESewula Afrika, umnyaka nomnyaka kufuywa pheze iinkukhu zenyama nezamaqanda ezimamiliyoni ama-950. Isibalo lesi sidlula isibalo sabafundi boke bamaGreyidi 3 eSewula Afrika ngokubuyelelwe kali-100.



## Asikhulume

Qala iinthombe ezilandelako bese ucoca ngazo wena nomngani wakho. Ngiziphi ezisipha amaqanda ngobunengi adliwako.





Asitlole

Qala iinthombe bese uzungelezela koke ukudla okuthola ekukhwini. Qala ukudla okuseleko bese uyatjho kobana kubuya kisiphi isilwana.



Asenzeni lokhu

Khetha isilwana esineempiko ongasenza ngephephametjhi. Qala imibala ehlukeneko namajamo weensiba zaso. Gwala umzimba waso nezitho zaso ezihlukeneko. Qunta kobana ufuna ukuveza kubonakale kiso.



Asikhambakhambe

- Zelule njengomkukurumbu ngaphambi kobana ulile.
- Wahla bese uphakamisa imikhono yakho njengeenlwana ezifuyiweko ezineempiko.
- Khamba njengeenyoni ezihlukeneko ezifuyiweko ezineempiko.
- Dzimelela njengenyoni lokha nayihlezi edradeni.
- Hlukanani ngeenqhema ezimbili. Esinye isiqhema asibe madzinyani bese esinye sibe ngukholo ogijima enze isizunguzungwani alinga ukudzwebula amadzinyani begodu elule nemikhono yakhe. Amadzinyani ayagijima ayozifihla kunina. Dlheganani ngokudlala iindima ezihlukeneko.



# Iinlwana nezisinikela khona: linkomo



Asifunde

Ibisi libuya kuphi?

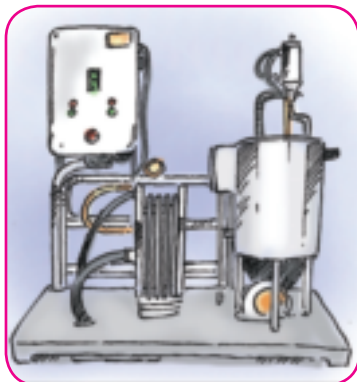
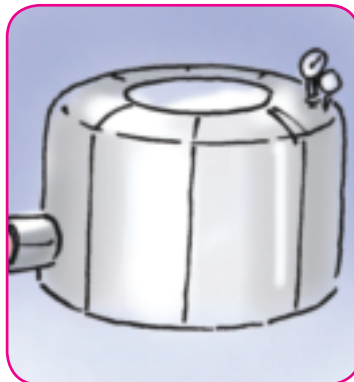
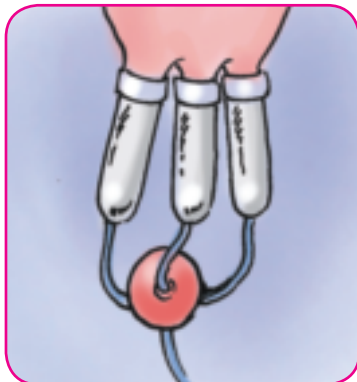
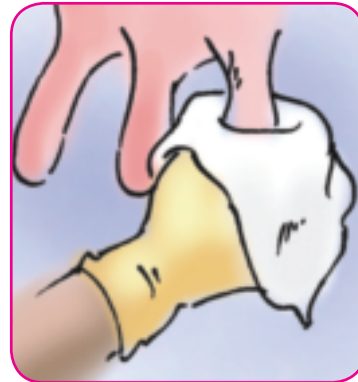
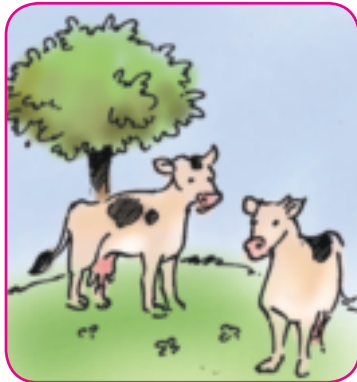
Uyazi nje kobana ibisi esilisebenzisa emakhaya ngamalanga lifika bunjani kithi? Funda ngomzombe nendlela yekambiso yebisi.



Asikhulume

Qala iinthombe ezilandelako bese ucocisana ngazo nomngani wakho.

## Silithola bunjani ibisi





Ilanga: .....



Asikhulume

Ibisi akusilo lodwa esilifumana ekomeni. Ngimiphi eminye imikhiqizo esiyifumana eenkomeni. Yabelana ngalokho okutlolileko nabanye abafundi.



Asenzeni lokhu

Efremini ngayinye, tlola umkhiqizo owenziwe ngebisi. Tlola ibizo lomkhiqizo ngenzasi kwesithombe osigwalileko.



Empty rounded rectangular box with a pink border.

Empty rounded rectangular box with a yellow border.

Empty rounded rectangular box with a green border.

Empty rounded rectangular box with a cyan border.



Empty rounded rectangular box with a red border.

Empty rounded rectangular box with a blue border.

Empty rounded rectangular box with a purple border.

Empty rounded rectangular box with an orange border.



Clipboard with a white sheet of paper containing the text: Utitjhere: Tikitla: Ilanga:



Asifunde

### Iwulu

Nakuphela ubusika, izimvu azisayitlhogi ingubo yazo yoboya ekulu eyenza kobana zifuthumale. Leso-ke sikhathi esihle khulu sokobana buphungulwe! Lokho kwaziwa ngokuthi kurhuna. Ikoteni isetjenziselwa ukwenza imihlobo eminengi yezambatho ezenza kobana sifuthumele. Singaluka amajezi ngewulu begodu ikoteni ingaphothwa ukwenza imatheriyali ebuthakathaka efuthumelako.

Kunemihlobo ehlukeneko yekoteni esiyifunyana ezimvini. ESewula Afrika, izimvu esithola kizo ikoteni zibizwa ngamaMerino, amaBlinkhaa-ronderib adabuka e-Afrika, amaDorper namaDormer. Iinthombe ezisekhasini leli ziyaveza kobana izimvu lezi zibonakala bunjani.



Imerino yimvu efuywa khulu eSewula Afrika.

# Iinlwana nezisinikela khona: Izimvu



Abantu beSewula Afrika bafuye izimvu ezaziwa ngamaBlinkhaa-ronderib. Umhlobo lo wezimvu uqinile begodu uphila kuhle nangaphasi kobujamo obudisi.



Izimvu ezaziwa ngamaDorper, zifuywa khulu eSewula Afrika.

Izimvu ezaziwa ngamaDormer ziyafuywa eSewula Afrika. Uboya bazo bumarhororhoro.





Ilanga: .....

# Indlela esifunyana ngayo iwulu.

1. Umlimi nabasizi bakhe barhuna izimvu ngezandla nanyana ngomtjhini.



2. Uboya bubekwa etafuleni buhlelwe ukuya ngobunjalo babo nobude.



3. Uboya bezimvu buyagandelelwa benziwe amabhejila bese buyathengiswa.



4. Kwanjesi uboya buyahlanzwa bukhithjwe woke amafutha, isanda nokhunye okubuya eentjalweni.



5. Uboya obubotjhiweko buyahlanzwa bese bulungiselelwa ukujikajikiswa ngemtjhinini.



6. Emzombeni wokujikajikisa uboya ngemtjhinini, imicu iyeluleka .



7. Ikoteni kwanje sele ilungele ukwelukwa.



8. Okulandelako, iyadaywa ikoteni



9. Ikoteni isetjenziselwa ukweluka amajezi.



10. Ijezi ithengiswa esitolo.



Asikhulume

Cocisana nomngani wakho. Ngiziphi ezinye iindlela izimvu ezingaba lisizo ebantwini?

Asidlaleni  
• UTitjhere wakho uzonifundisa ukudlala ikhrikhethe.

Utjithere:  
Tlikitla:  
Ilanga:



# Iinlwana ezisisebenzelako: Izinja



Asimadanise

Izinja ezinengi ziyifuyo-sithandwa begodu sabelana nazo amakhaya wethu. Izinja zinemisebenzi eminengana eziyenzako. Gwala umuda ukhlanganisainja ngayinye nomnikazi wayo.



Izinja zamapholisa zisiza amapholisa kobana afumane iindakamizwa nanyana alandelele umthala weenlelesi.



Izinja ezihlala abaphopheleko ziyabasiza kobana babone lapha baya khona.



Izinja ezelusa izimvu zelusa beziqinisekise kobana umhlambi wezimvu uhlala undawonye.



Izinja eziqaphako zisivikela emisebenzini emimbi eyenziwa ziinlelesi.

Izinja ezizumako zisiza abazumi kobana babambe iinyoni nanyana iinyamazana abazizumako.





Asenzeni lokhu

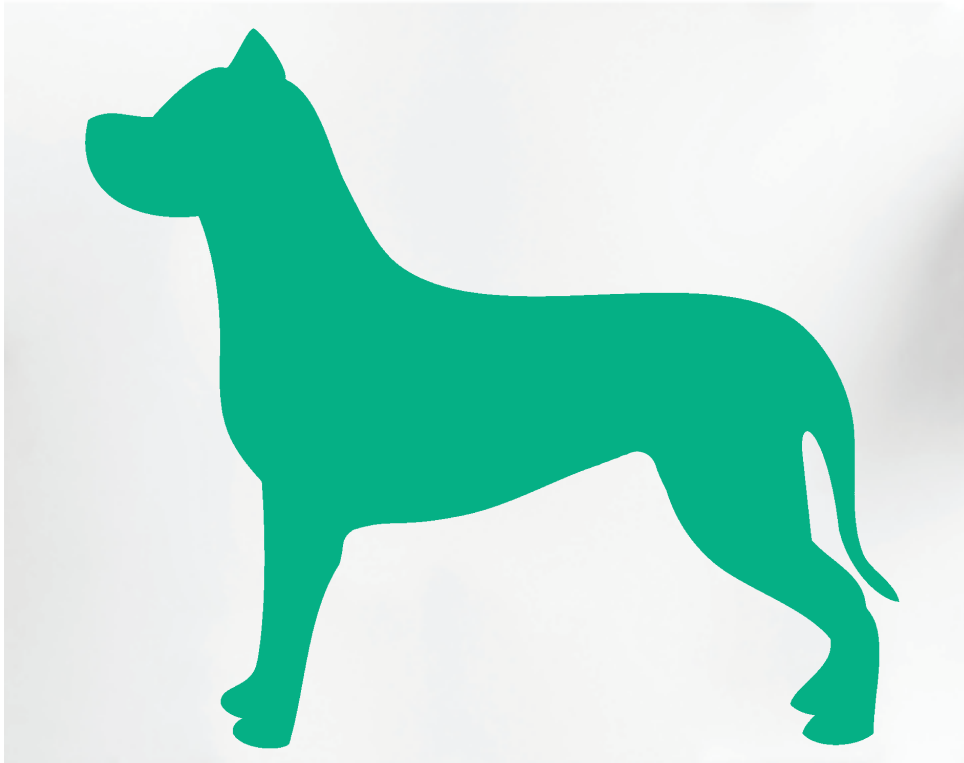
Gwala umthunzi wesithombe somngani omkhulu wabantu:inja.

Ilanga: .



### Uzokutlhoga okulandelako:

- iphepha elimibala emibili
- isikere
- ipensela
- iglhu/isinamathelisi



- Gwalainja ekulu ephepheni linye. Qinisekisa kobana uvala iphepha loke.
- Kwanjesi sikainja yakho kuhle begodu ngokuyelela.
- Namathiselainja yakho esikiweko kelinye iphepha.
- Gwala amehlo, ipumulo, umlomo namazinyo enjeni yakho.
- Kghabisa kuhle isithombe sakho ngendlela ofisa ngayo. Khumbula kobana umbala onzima phezu ko-orentji, ojama hlangana nomunye, usebenza ngcono ukwenza umthunzi wesithombe.



Utijhene:  
Tlikitla:  
Ilanga:





# Iintwana ezisisebenzelako: Abodumbana



Asifunde

Abodumbana basiza abantu pheze eminyakeni eziinkulungwa ezisi-6 eyadlulako. Abodumbana bayasithwala nemithwalo yethu ebudisi emihlana yabo. Siyabapana siyokukha ngabo amanzi besilime nabo.

Koke lokhu nanamhlanje kusenzeka. Ephasini loke kunabodumbana abamamiliyoni ama-41. Lokhu kutjho kobana omunye nomunye umntwana eSewula Afrika unabodumbana abathathu.



Asitlale

Qala iinthombe bese utlola umutjho ngokobana abodumbana basetjenziselwa ini.



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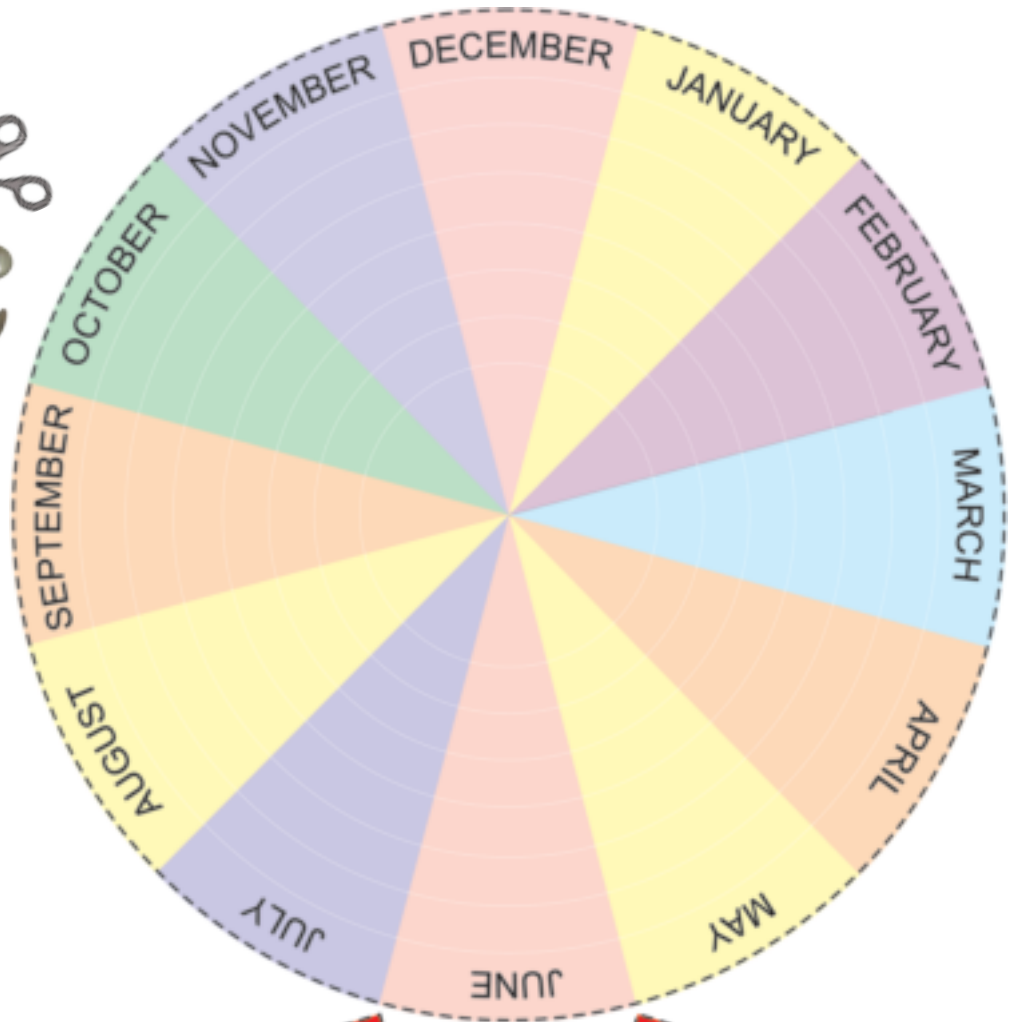




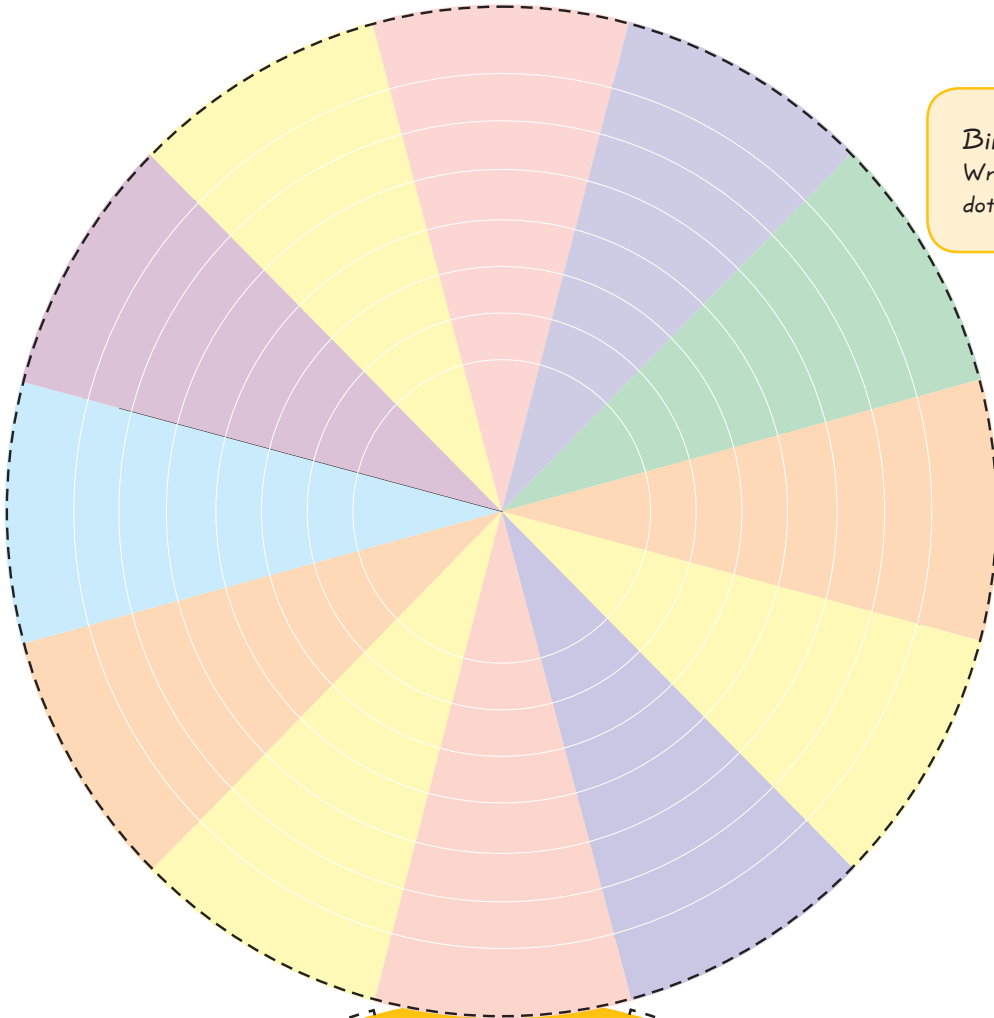
**Birthday Wheel:**

Cut out the two circles and the wedge shape. Put the top and bottom together using a split pin. Write the birthdays of your family and friends in the correct months on the birthday wheel.

On the back you can write the months in your first language.



*Birthday Wheel:*  
Write the 12 months on the  
dotted white line.



Step 1: Cut all around on the black line

DEF

Four vertical writing cards on a purple background. Each card has three horizontal lines and a small illustration of a blue telephone and a white envelope in the top right corner.

Step 2: Fold on the dashed line

OPQR

Four vertical writing cards on a red background. Each card has three horizontal lines and a small illustration of a blue telephone and a white envelope in the top right corner.

Step 3: Fold on the dotted line

ABC

Four vertical writing cards on a teal background. Each card has three horizontal lines and a small illustration of a blue telephone and a white envelope in the top left corner.

Step 5: Cut off on the yellow line

Step 4: staple your book in the middle

STUV


Four vertical writing cards on a blue background. Each card has three horizontal lines and a small illustration of a blue telephone and a white envelope in the top left corner.

KLMN

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GHIJ

WXYZ



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# My Telephone and Address Book



This book belongs to:

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