

IBANGA

2

INCWADI
YOMFUNDI

Platinum

Imibhalo efihliweyo
neeRobhothiksi

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

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Umpapashi nguWhitley Makhari
Umhleli olawulayo nguGeorgia Mehl
Umphandle wencwadi uyilwe yiMML Visual Design
iNcwadi iyilwe yi MML Visual Design
Imifanekiso nguAJ Erasmus, Angela Bowering, Illana Dillon, LT Design Worx, MML Visual Design
uMdibanisi wonobumba abaza kushicilelwa yiStraive, MML Visual Design
Ishicilelwe ngu

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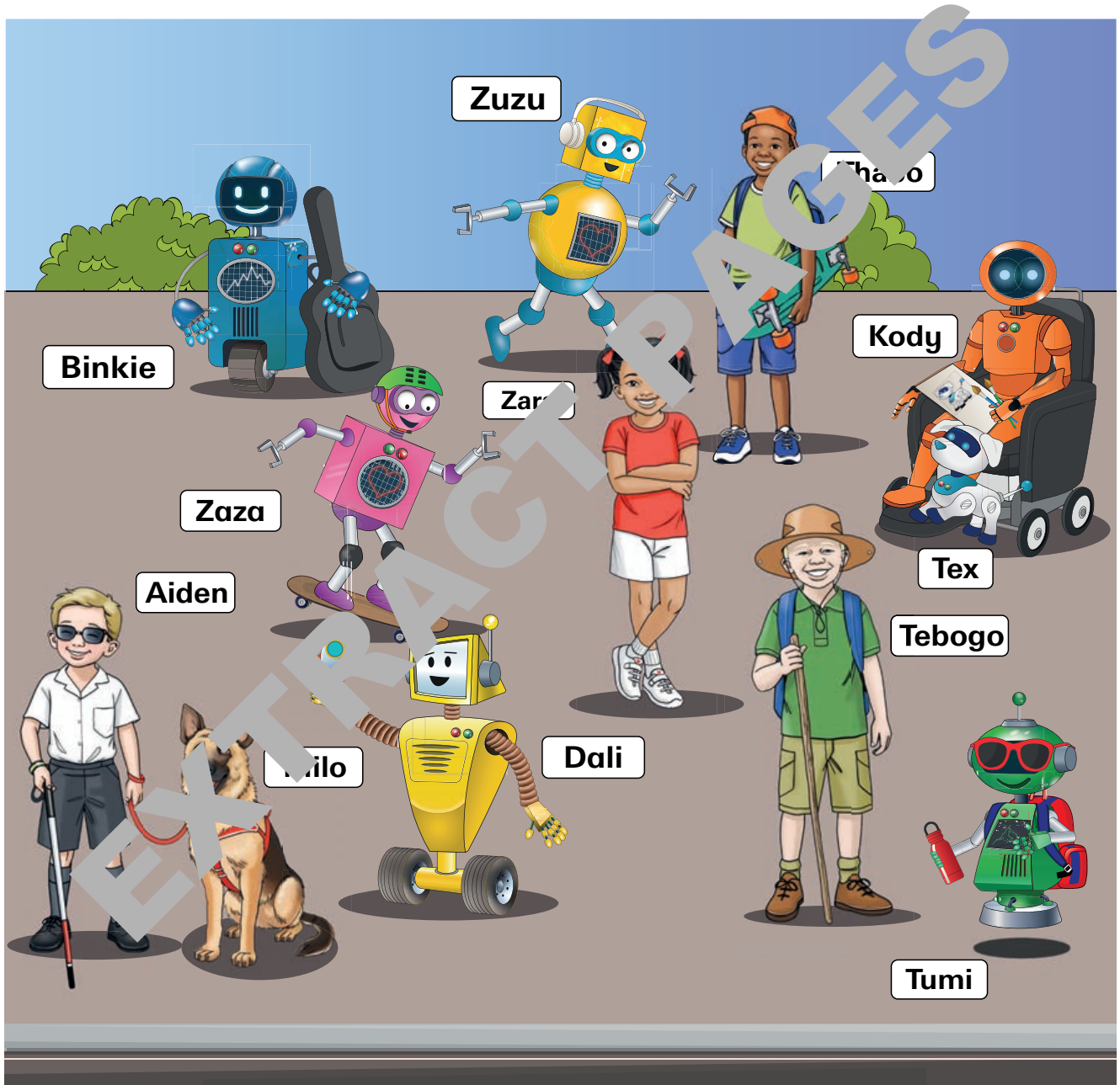
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Intshayelelo

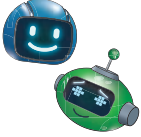

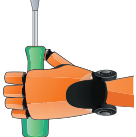





Mfundi othandekayo,

Siyakwamkela kule ncwadi yokufunda eyenza umdla! Uya kudibana nabantu abamangalisayo kanye njengokuba umntu ngamnye ebalulekile ngendlela yakhe, nawe ubalulekile.



Zimisele ukuba uzakufunda, udlale futhi wenze nabahlobo abatsha. Ukonwabele ukufunda.

Sisetyenziswa njani esi sichazi-magama

Xa ubona	Ithetha ukuba:
	ixesha lokusebenza nomhlobo wam
	ixesha lokusebenza ngokweqela
	ixesha lokusebenzisa izandl zam nobuchopho bam
	ixesha lokusibiza nokubhala
	ixesha lokuthetha ngezinto
	ixesha lokusebenzisa ubuchopho bam nengqikelelo
	ixesha lokushukumisa umzimba wam
	ixesha lokukhowuda

Funda amagama amatsha kwiibhloko ezikhethekileyo kuyo yonke le ncwadi

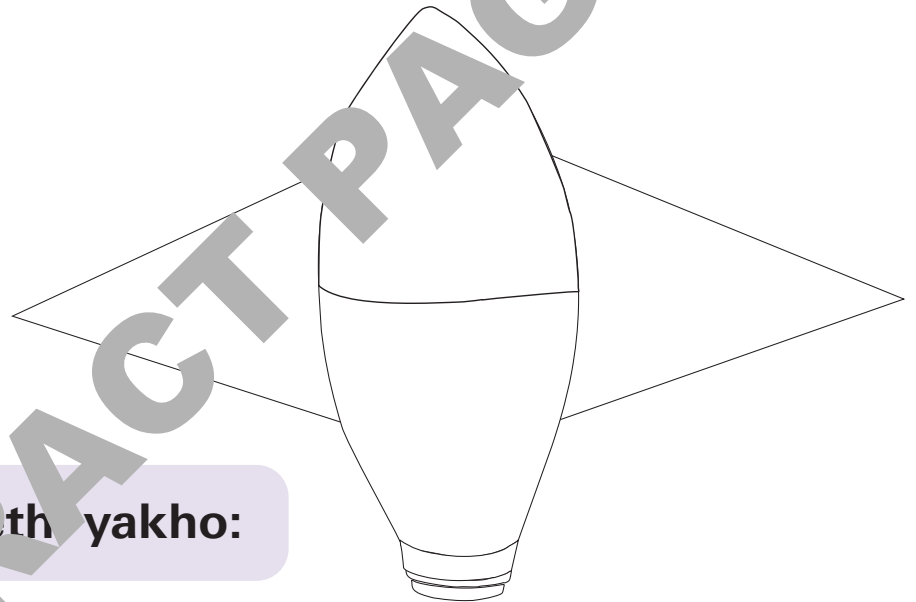


Ukubamba ingqikelelo yesikhokhelo

Yenza i-rhokhethi:

Uya kufuna:

- x 4 izinti (oku kunokupeyintwa iintonga zokufunxa, indiza, ikhadibhodi okanye iphepha elinombala elisilwile yimicu). Nokuba yeyiphi eyona ilula neyona ifumanekayo kuwe.
- Bomvu
- Orenji
- Bhlowu
- Tyheli
- Iglu



Ukwenza i-rokhethi yakho:

- Landela i-rokhethi
- Sikisa i-rokhethi elandelwayo
- Naka umbala kwirokhethi yakho
- phantsi – ebomvu
- phantsi – bhlowu
- ekunene – orenji
- ekhohlo – tyheli
- Ncamathelisa i-rokhethi yakho kwisiqwengana sekhadibhodi

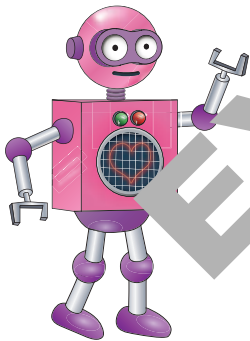
Imixholo

Ikota 1



Sifuna amanzi ukuze siphile	1
Amashwamshwam anempilo angcono	8
Amakhusi asigcina sikhuselekile kwaye somile	12
Ubuchwepheshe bubalulekile	15
Wonke umntu ukhethekile	20
Siphila kubomi bobuxhakaxhaka bale mihla	24
Khetha indlela	29
Ulandelelwano neepateni ezitsala	35
Ulandelelaniso lokuyimpilo	38
Irobhothi ehambayo kumntu	43
Into endiyifumenevo	51

Ikota 2



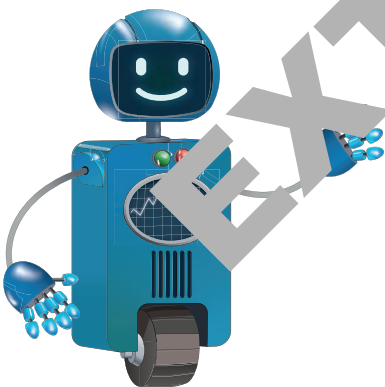
Intlakohlano	55
Yintoni umhobo olungileyo	63
Ukwazi 'irobhothi'	70
Yintoni amaxesha onyaka?	77
Isilwanyana sam sephepha	82
Izixhobo zam zobuxhakaxhaka bale mihla	87
Indlela obutshintshe ngayo ubuchwepheshe	93
Ukuhlangukwa kwengwane	99
Yenza umvundla wephepha	103
Nceda izilwanyana zigoduke	108
Into endiyifumeneyo	112

Ikota 3



Ulonwabo efama	118
Izityalo zengqayi ezintle.....	125
Lungisa irobhothi.....	130
Fumana iimilo efama	135
Bhala imiyalezo eyimfihlo	139
Sombulula iikhowudi eziyimfihlo	144
lifeni zipholile	149
Fumana uncedo olulungilevo.....	155
Fumana indlela	158
Bhala ikhowudi	162
Into endiyifumeneyo	168

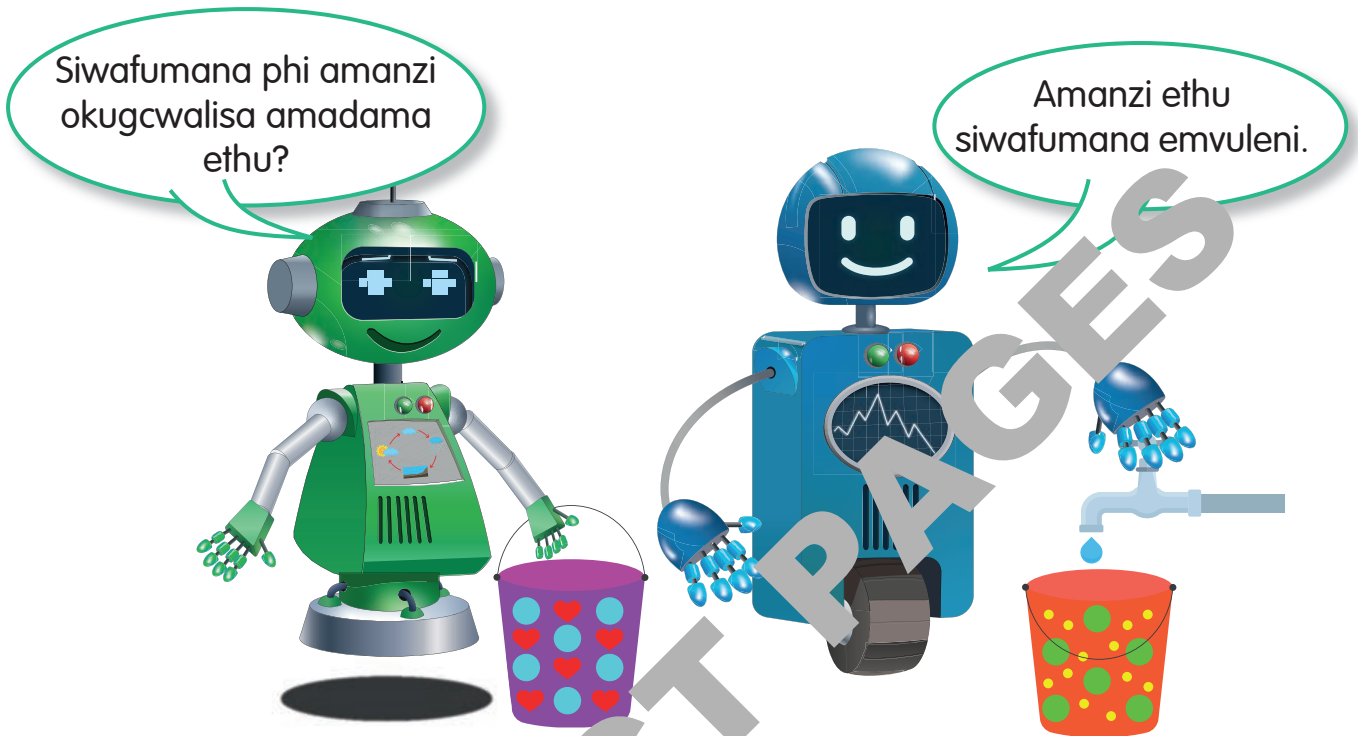
Ikota 4



Ukubeka ngoko ke yintoni?	176
Ukubeka ngoko ke yintoni?	187
Kusikela okumalunga nelizwe	195
Yenza imidlalo eyonwabisayo	201
Ndingummi wobuxhakaxhaka bale mihla	206
Ukunxibelelana ngoko nangoku	213
Yintoni ikhowudi?	217
Shenxisa ibhokisi.....	221
Sombulula uphinyepinye	225
Ubuchwepheshe obusijikelezileyo	229
Into endiyifumeneyo	234

EXTRACT PAGES

Sifuna amanzi ukuze siphile



Akufuneki siwamoshe amanzi. Kufuneka siwonge amanzi apho sinako.

Amisiqualise

Ukusombulula ingxaki ngokweenxenye
amninane kuneengqikelelo ezingundoqo ezine.
Tshatisa igama kunye nenani elingumzekelo.

Tshatisa igama kunye nenani elingumzekelo.



- A. Ukuqonda ipateni.
- B. Ukwahlula ngokwamacanane.
- C. Ukwenza lula izimvo ezinabanye.
- D. Uyilo lwe algorithm.



- a. Thetha ngezinto ozidingayo ukuze wenze isidlo sakusasa. Ungayihoyi into ongayisebenzisiyo.

Ukusombulula ingxaki ngokweenxenge ezincinane
 – xa ucazulula ingxaki enkulu ngokwamanyathelo amancinane, fumana iipateni uze uyile isicwangciso sokuyisombulula

igama
elitsha



Umsebenzi 1



Jonga imifanekiso. Xoxa ngemibuzo neqabane lakho.

1. Ngawaphi amanani omfanekiso owenza umjikelelo wamanzi?
2. Yeyiphi imifanekiso emibini naufanelekanga?
3. Yeyiphi indlela yolandelelano echanekileyo yemifanekiso? Chaza isizathu soko.

Ukongama amanzi



1. Kufuneka ukungama amanzi.

Ukungama emvula



2. Amachaphaza emvula enza amafu. Kuze ke kunethe.

Ukumfimfa



3. Izityalo zivelisa umphunga ngamagqabi azo uye emoyeni.

Ulweliso



4. Umphunga wenza amafu.

Ukuqokelela

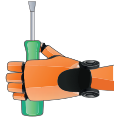


5. Siqokelela amanzi emvula ukunkcenceshela izityalo.

Ukuguquka



6. Ilanga lenza shushu amanzi aze aguquke abe ngumphunga emoyeni.



Umsebenzi 2

1. Iirobhothi zilungiselelwe ukuba zilandele imiyalelo.
2. Landela imiyalelo ukwenza ivili lakho lomjikele wamanzi.



Uza kufuna:

- I ipleyiti yephepha
- I isityhalwangothupha
- 2 izangqa ezinzi-A4
- Isikere
- Iikhrayoni ephantsile

Inyathelo 1: Songa isangqa esinye esine-ikota.



Inyathelo 2: Zoba umfanekiso be nnye womjikele wamanzi kwisahlulo sesine sesangqa ngasinye.



Inyathelo 3: Zizobe ngendlela yolandelelwano echanekileyo: ukuguquka kube ngumphunga, ulweliso, ukunisa, ukumfimfa.



Umsebenzi 2 (uyaqhubeka)

Inyathelo 4: Songa isangqa sesibini sibe ziikota.



Inyathelo 5: Sika ikota kwisangqa sesibini.

Inyathelo 6: Beka isangqa sesibini phezu kwesangqa esinomjikelo wamanzi.



Inyathelo 7: Yenza umngxuma esizikithini sangqa zombini.

Inyathelo 8: Zibanisa izangqa zombini ngenzi ngawangothupha.

Wamanye ivili lakho lomjikelo wamanzi.

Susa isangqa esingaphezulu ukubona umfanekiso ngamnye womjikelo wamanzi.

1. Ingaba umjikelo ujika ngokulula?
2. Ingaba imifanekiso imabalabala?
3. Ingaba imifanekiso ime ngendlela echanekileyo?
4. Yintoni onokuthi uyiphucule?

Umsebenzi 3



- Yenza iseti yemiyalelo yokufikisa uBinkie kwitap.







- Uchola melu yakhe.
- Inkubekwe yekhompyutha yokuvuza kwamanzi ibona ukuphuma kwamanzi kwitephu.
- Uyagivala itephu.
- Uya kumntu okwisitulo sabaphila nokukhubazeka.
- Kufuneka aphephe imvula.



Ukwenza lula izimvo ezinabileyo – xa sijolise kulwazi olubalulekileyo nolufanelekileyo size singakuhoji okungabalulekanga ukusombulula ingxaki



Uvakalelwa njani ngomsebenzi owenzileyo?

1 	2 	3 	4 
Ukuzama!	Ndiyavuya!	Ndinebongo!	Ndikrelekrele!



Masiqalise

Ukuba uyakhumbula, ukwenza lula izimvo ezinabileyo kukukhangele ulwazi olungcono uze ungalungisi olungcono.



1. Kukuphi ukutya esingafane sikufumane kwitafile yetheko?
2. Fumana ukutya okubini ekufuneka ungakuhoji xa ulungiselela itafile yetheko losuku lokuzalwa.

Ukwahlula ngokwamacandelo

Ukwahlula ngokwamacandelo kukucazulula izinto ngokweenxenye ezincinane.

Jonga idowunathi.

Zeziphi iinxenye zale dowunathi?



Ukuqonda ipateni

Ukuqonda ipateni kukubona ipateni yezinto eziphindaphinda ngolandelwano olufanayo.




Yintoni ipateni?

Yeyiphi ipateni oyibona emfanekisweni?



Umsebenzi 1

1. Nceda uZaza  afumane ikhaphukeyiki ayithandayo.



- a. Yazi iphi ikhaphukeyiki anokuyitya?
 b. Kutheni ukhethe loo khaphukeyiki?
 c. Zeziphi iinxenye ezahlukeneyo ezenza
ikhaphukeyiki ka Zaza?

2. Khetha ikhaphukeyiki oyithandayo.
 a. Yahlulahlule.
 b. Zeziphi iinxenye ezahlukeneyo ezenza
 ikhaphukeyiki yakho?





Umsebenzi 2

Ezi ziinxenye zekhaphukeyiki.

Thetha neqabane lakho.

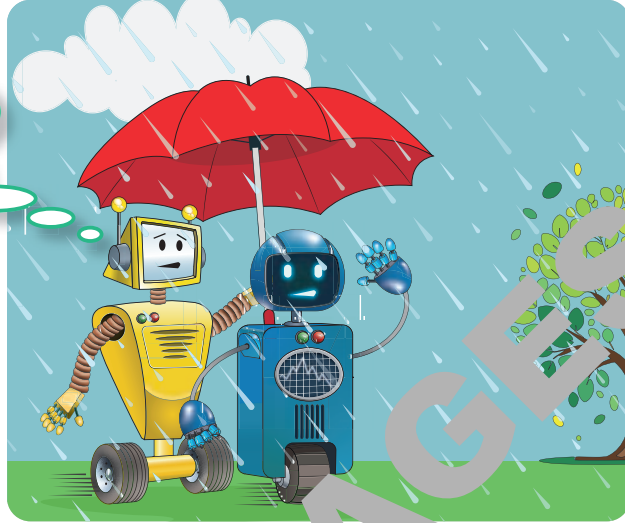
1. Ibiyeyiphi ikhaphukeyiki ayithandayo kuMsebenzi 1?
2. Zoba uze ulebhelishe ikhaphukeyiki yeqabane lakho.
3. Khangela umzobo weqabane lakho. Ingaba ikhaphukeyiki yakho liyizobe ngokuchanekileyo? Yithelekise nekhaphukeyiki ekwincwadi yesikhokelo.
4. Iqabane lakho litheni ngomzobo wakho? Ingaba uyizobe ikhaphukeyiki yakho ngokuchanekileyo? Ingaba zonke iinxenye zizotywe ngokuchanekileyo?
5. Ingaba ikhaphukeyiki ehonjisiweyo kumzobo wakho ilandelelana ngokufanayo njenga semfanekisweni?

Uvakalelwa njani ngomsebenzi owenzileyo?

1 	2 	3 	4 
Ukuzama!	Ndiyavuya!	Ndinebhongo!	Ndikrelekrele!

Amakhushi asigcina sikhuselekile kwaye somile


imozulu iya
isibambi nangakumbi,
kufuneka sigoduke!

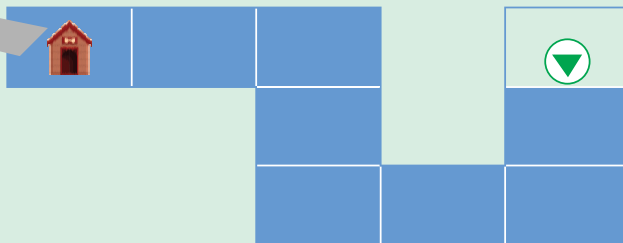


Iirobhothi zileqa ekhaya. Zihlala kwaye iphila imizi?

Masiqalise

Ialgorithm yisethi yemiyalelo.





Ingaba ikhowudi yamnceda uTex  asuke emvuleni?














































Abantu babhala ikhowudi. Iikhompyutha zilandela imiyalelo ekhowudiweyo. Le yindlela ezazi ngayo emazikwenze.

Umsebenzi 1

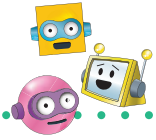
I. Irobhothi nganye ihlala phi? Landela iindlela ukusombulula ingxaki.

 A				
				
	 C			
			 D	

Phezulu		Khohlo	
Phantsi		Kunene	

Umsebenzi 2



2. Ngubani ohlala phi?
3. Shicilela iimpendulo zakho. Thetha malunga nekhowudi.

Funda idayagram nganye. Yeyini engeyopateni? Xoxa neqabane lakho.

- a.
- b.
- c.
- d.
- e.

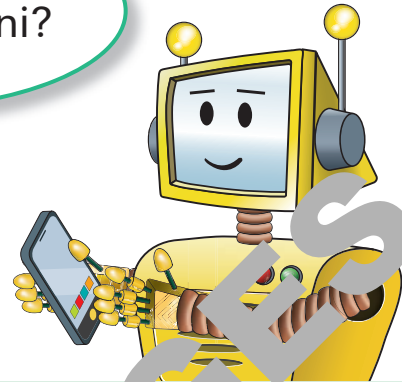
Uvakale! Njani ngomsebenzi owenzileyo?

1	2	3	4
Ukuzama!	Ndiyavuya!	Ndinebhongo!	Ndikrelekrele!

Ubuchwepheshe bubalulekile



Ubuchwepheshe businceda njani?



Masiqalise

Yintoni ubuchwepheshe?

Ubuchwepheshe benza iivele ukuhlangabezana nezidingo zabantu kaze busombulule iingxaki zabantu. Jonga iimveliso zibanceda njani abantu?



Isitovu



Isikhenkcezisi



Iwotshi

Ubuchwepheshe – ukusebenzisa izixhobo, oomatshini nolwazi ukusombulula iingxaki ukuze kwenziwe izinto lula. Ubuchwepheshe bobuxhakaxhaka bale mihla busebenzisa iikhompyutha kunye ne - intanethi.

igama elitsha

Ubuchwepheshe bezolwazi (i-IT)

kukusetyenziswa kweekhompnyutha, iiprogram zekhompnyutha (ikhowudi), kunye nothungelwano (amaqela eekhompnyutha) ukuyila, ukugcina nokwabelana ngolwazi.



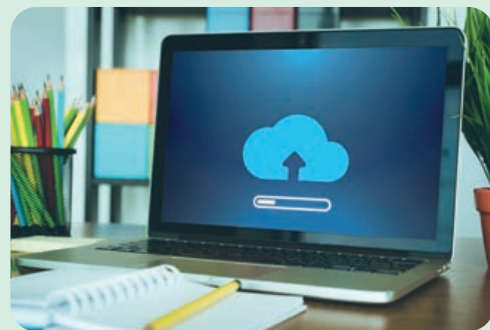
Ikhoyuda



Ukufowuna ngevidiyo



Ukukhangela
nge - intanethi



Ukudlulisela ulwazi



Umsebenzi 1

Tshatisa ubuchwepheshe ngabunye ngomnye wemisebenzi yabo.



Intsimbi



Umgangatho onothuli



Ihambe



Ukuthetha noMhakhulu



Isixhobo sokufunxa inkunkuma esiyirobhothi



Impahla enxitywayo ecocekileyo, eshwabeneyo



Umnxeba osebenzisa ubuchwepheshe







Ukwakha imveliso yokhuni

Umsebenzi 2

Bhala ikhowudi yokunceda uBinkie afumane iimveliso zobuchwepheshe.



Ph...		Khohlo	
...si		Kunene	





1. UBinkie ufuna ukuthumela i-imeyile ukumemela abahlobo bakhe kwibhrayi.



Umsebenzi 2 (Uyaqhubeka)

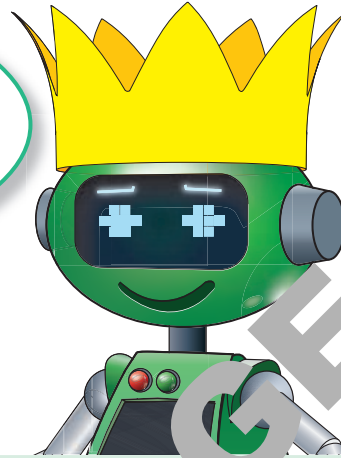
2. UBinkie ukhangela inkqubo yekhompuyutha yemozulu ukubona ingxelo yengqikelelo. Yila indlela ukuze akhangele ngokufanelekileyo.
3. UBinkie umisela isandisizwi sakhe ukumamela umculo. Yila indlela ukuze akhangele ngokufanelekileyo.
4. UBinkie kufuneka abambe ngokujikela kwilifu lesaqhwithi.
 - a. Bheka ikhowudi.
 - b. Thethani intshiselanani ngekhawudi eziqabane lakho.
 - c. Khangela ikhowudi yalo.
 - d. Thethani malunga nokususa impazamo nokulungisa naziphi na impazamo.

Uvakalelwa njani ngomsebenzi owenzileyo?

1		2		3		4	
Ukuzama!		Ndiyavuya!		Ndinebhongo!		Ndikrelekrele!	

Wonke umntu ukhethekile

“Nonke nikhethekile kum,” utsho utitshala. “Ndiza kunibonisa indlela yokwenza isithsaba, kuba kubalulekile ukuziva ukhethekile yonke imihla.”



Masiqalise

Irobhothi zilandela imiyalelo. Abakhowudayo babhala ikhowudi efanayo wirobhothi.

Irobhothi ziyakhangelewa ukuqinisekisa ukuba ziza kusebenza ngokufanele ezilungiselelwe ukuba zisebenze ngokufanele.

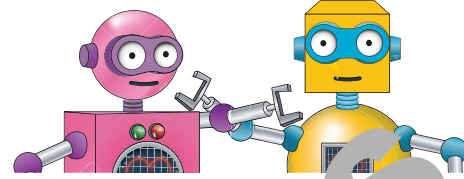
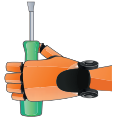


Ingalo yerobhothi iyasebenza.



Injineli ikhangela ingalo yerobhothi.

Umsebenzi 1



Yiba novelwano:

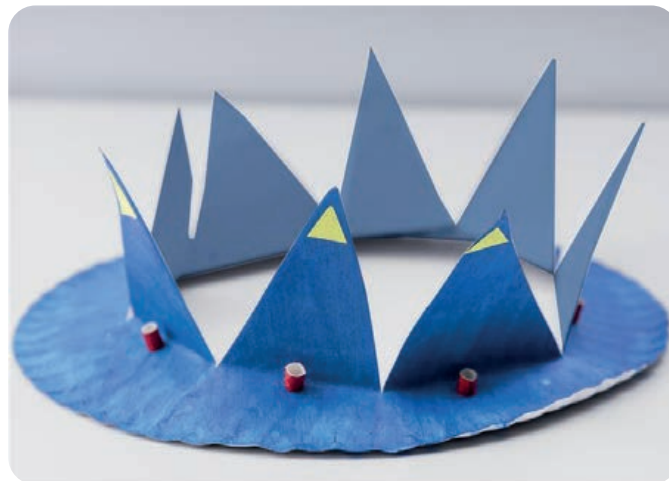
Fumanisa okuza kunceda umhlobo wakho ukuba azivuthane.

Buza imibuzo: Kutheni umhlobo wakho enxunguphele? Ungamvuyisa nani umhlobo wakho? Ingaba isithsaba 'ndikhethekile' singamvuyisi?

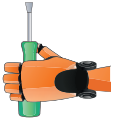
Chaza: Thetha malunga (naka) nendlela esiza kukhangeleka ngayo isithsaba sakho esikhethekileyo.

Ukuvelisa izimvo nokukuko: Zoba indlela esiza kukhangeleka ngayo isithsaba sakho esikhethekileyo.

Jonga imibhalo ngendlela yokwenza uhlobo oluthile lwesithsaba sephepha. Kukho ezinye izindidi zininzi zoyilo.



Umsebenzi 1 (uyaqhubeka)



Imiyalelo

- 1: Qaba umbala kumacala omabini epleyiti yephepha usebenzisa ipeyinti okanye ikhrayoni.
- 2: Songa ipeyiti yephepha ehafini.
- 3: Zoba imigca machaphaza emibini ukwenza imilo engu-V.
- 4: Sika kwimigca emi-3 yonke. Umphiki uyokufika ekusibeleni kwesiphelo.
- 5: Yula ipeyiti uze usike esikithini semigca gomsongo.
- 6: Songa zonke iziphelo ezivulekileyo.



Yakha isithsaba sakho esikhethekileyo.
Sebenza ngokucocekileyo
nangokuchanekileyo.

Umsebenzi 2



1. Ingaba isithsaba siyalingana entlokweni yomhlobo wakho?
2. Silingana kakuhle kangakanani?
3. Yintoni onokuthi uyiphucule?
4. Thetha ngendlela aziva ngayo umhlobo wakho.
 - a. Uziva njani ngomumana kwakhe isithsaba?
 - b. Uziva niani kama ukunika umntu isithsaba njengesipho?

Yiba novelwan – kwinkqubo esetyenziselwa ukuqonda abasebenzisi abakuyilwe izisombululo ezizizo, ukuzibeka kwimeko yomntu onyilelayo, njengokuzama ukubona ilizwe ngokubona amehlo ukuqonda akufunayo ngokwenene

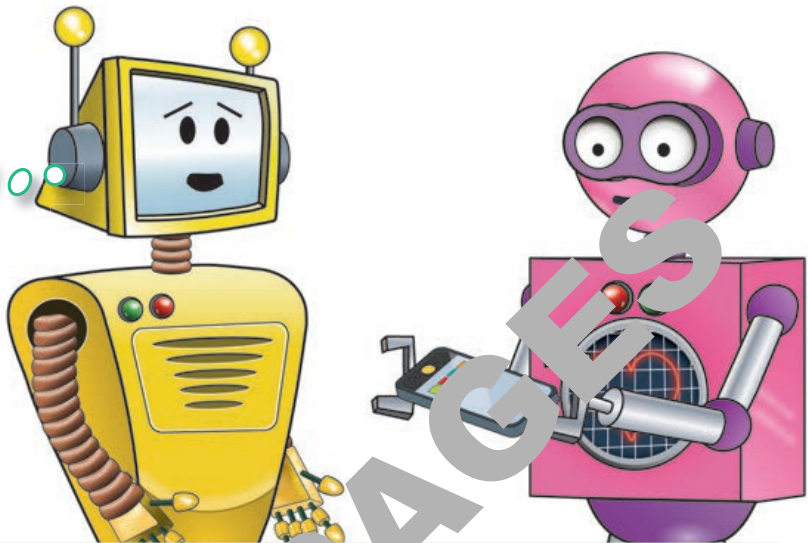
igama
elitsha

Uvakekelwa njani ngomsebenzi owenzileyo?

1		2		3		4	
Ukuzama!		Ndiyavuya!		Ndinebhongo!		Ndikrelekrele!	

Siphila kubomi bobuxhakaxhaka bale mihla

Singamnceda njani uDali ukuba athethe ngokuzithemba xa esebenzisa umnxeba wakhe?



Masiqalise

Xa sinxibelelana nabantu nge intanethi, kufuneka sibaphathe ngendlela etunayo njengoko besinokwenza njengamntwini ngenkqo. Masixoxe ngayo nganokwazi ndlela zokuziphatha.



Phucuka kwaye ube nobubele, nokuba ngaba awuvumelani.



Sukuphazamisa. Linda kufike elakho ixesha lokuthetha.



Cela invume.



Thethokhefu ukuphumza
amehlo akho.



Wangeni umnxeba
wakho.

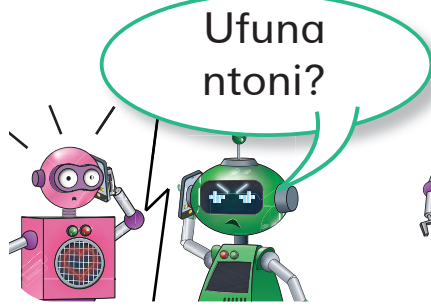


Cinga phambi kokuba
uthumele ipowusti
komnye umntu.



Umsebenzi 1

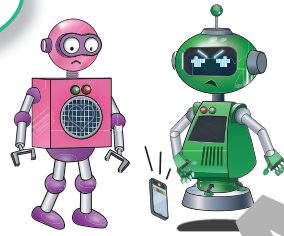
Xoxa ngoluvo lomnxeba ngalunye neqabane lakho.



Ingaba oku kuphucukile?



Kufuneka uphendule njani?



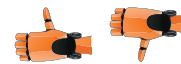
Ingaba oku kuphucukile?



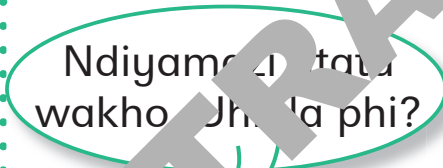
Kufuneka enze ntoni?



Ingaba oku kuphucukile?



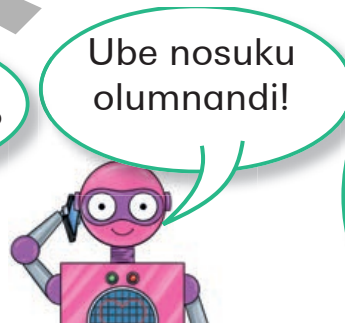
Ungawutshintsha umbuzo?



Ingaba lo ngumbuzo ekufuneka uwuphendule?



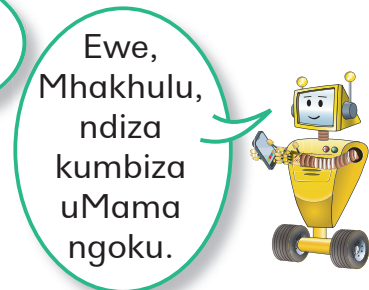
Chaza isizathu soko.



Ingaba oku kuphucukile?



Ingaba ungalutshintsha uluvo?



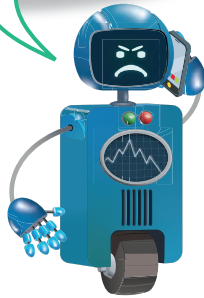
Ingaba oku kuphucukile?



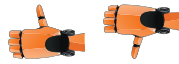
Ingaba ungalutshintsha uluvo?

Umsebenzi 1 (Uyaqhubeka)

Ndithe andizukwabelana nawe nge-nombolo-yokuvulayam!

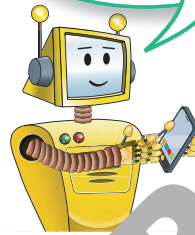


Ingaba oku kuphucukile?

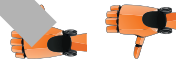


Kufuneka enze ntoni?

Siyabulela ngokusitsalela umnxeba. Ndiza kuwudlulisa umyalezo.

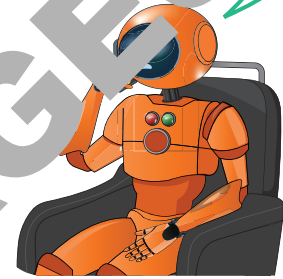


Ingaba oku kuphucukile?

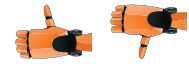


Ingaba ungalutshintsha uluvo?

Ndikuxelele ukuba sukunihlupha.



Ingaba oku kuphucukile?



Ingaba ungalutshintsha uluvo?

Abulumkiso

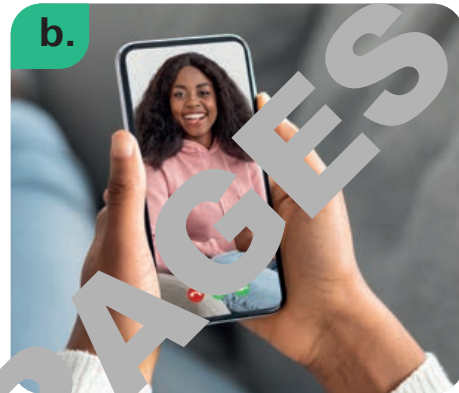
Khuseleka – Rhoqo cela imvume kumntu omdala phambi kokuba usebenzise isixhobo, umnxeba okanye ithabhulethi. Babonise okwenzayo nokuba ngubani na othetha naye.

Yiba nobubele – Rhoqo yiba nobubele kwabanye kwi-intanethi, njengoko unjalo kubomi bemihla ngemihla.



Umsebenzi 2





Jonga umfanekiso ngamnye.



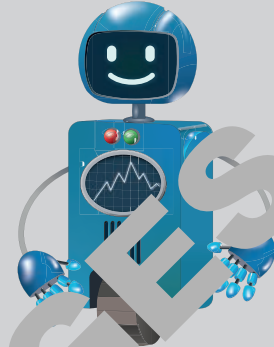
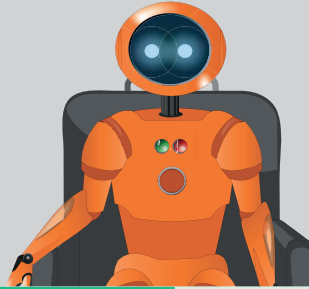
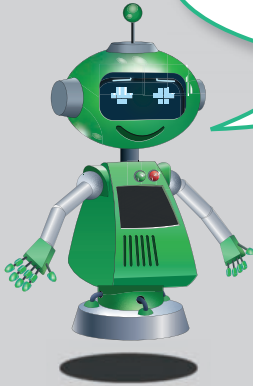
Ukuthatha iselfi Ukwenza iminxeba yevidiyo

1. Ingaba abantu besapho lwakho bazisebenzisa ngoku hlobo iiselula zabo?
2. Ingaba kulungile ukwenza oku esidlangalaleni?
3. Ukuba kunjalo, yintoni ekufuneka ithathele ingqalelo?

Uvake uyayazi njani ngomsebenzi owenzileyo?

1 	2 	3 	4 
Ukuzama!	Ndiyavuya!	Ndinebhongo!	Ndikrelekrele!

Singamnceda njani uKody ukuya kwibala lemidlalo?



Masiqalise

Khumbula, isethi yemiyalelo inceda ukusombulula ingxaki.

Nceda umdlali webhola yomnyazi afumane ibala elichanekileyo.

Yeyiphi indlela echanekileyo? Nika isizathu.

b.			
		a.	
	c.		



Phezulu	↑	Khohlo	←
Phantsi	↓	Kunene	→

↓ → → ↓ ? ?

1	↓ → → ↓ ← ←
2	↓ → → ↓ → →
3	↓ → → ↓ ↓ →

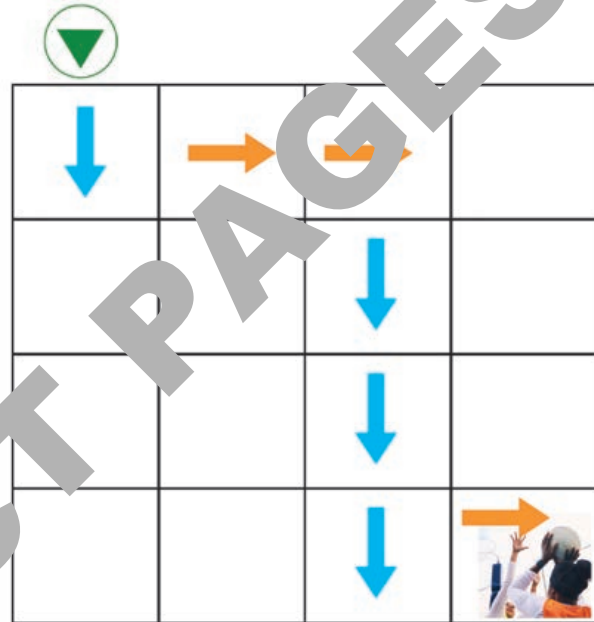


Umsebenzi 1

Jonga ikhowudi nemephu.



Iirobhothi ezimbini zanceda irobhothi entsha ukuba iye kwibala lezemidlalo.



Bhala imiyalelo ngamaqela.

Umsebenzi:

• Phambili.

• Jika ekhohlo.

• Jika ekunene.

Umsebenzi 1 (uyaqhubeka)

Lungisa indlela yerobhothi ukuze ufumane ikhowudi echanekileyo.

↑	→	↑	→
↑	↓	↑	↓
↑	↓	→	



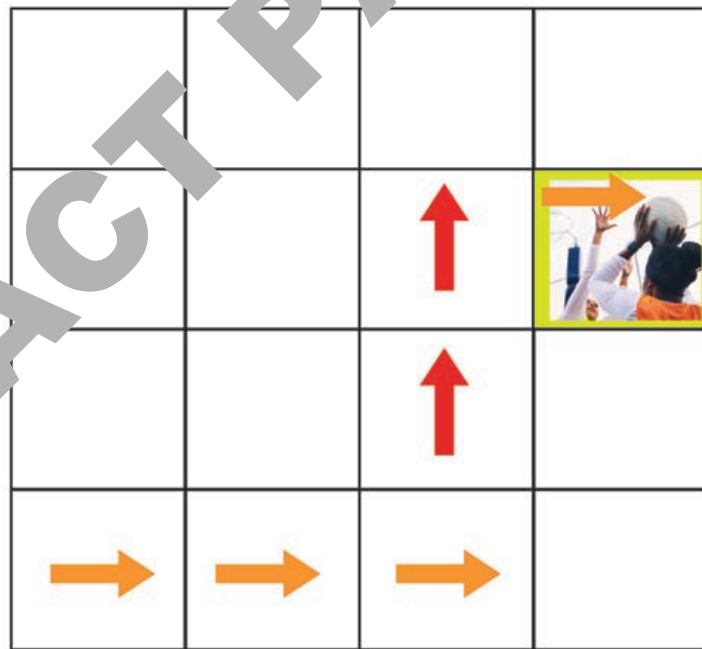
Jonga iindlela ezintathu apha ngezantsi.

①	↑↑↑ → ↓↓ → ↑↑ → ↓
②	↑↑↑ → ↓↓ ← ↑↑ → ↓
③	↑↑↑ → ↑↑ → ↑↑ → ↓

Umsebenzi 1 (uyaqhubeka)

2. Jonga iikhowudi zeendlela ezimbini.

- Yeyiphi indlela engcono?
- Finyeza iikhowudi yeyona ndlela engcono oyikhethileyo.
- Susa impazamo uze ulungise indlela engafikiyo kwibala lezimbini.

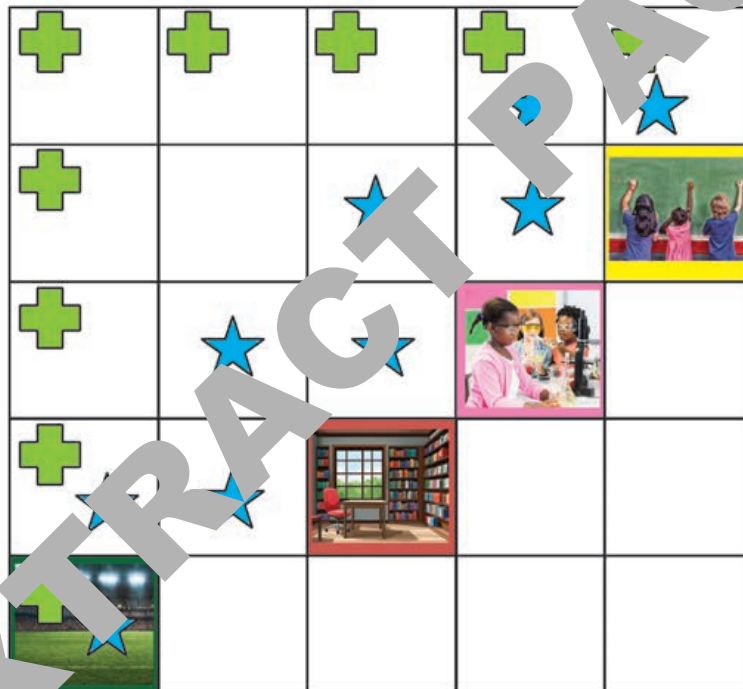
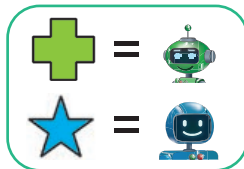


Uyilo lwe algorithm – ukuyila isicwangciso ngemiyalelo yenyathelo nenyathelo ukunceda ikhompyutha isombulule ingxaki okanye igqibe umsebenzi otyunjelwe ukwenziwa ngokukhawuleza nangokuchanekileyo.

igama
elitsha

Umsebenzi 2

UBinkie noThabo badibana noZara ebaleni lokudlala.






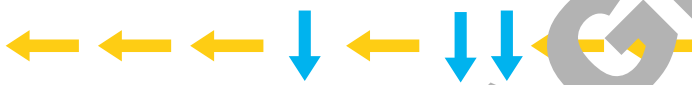

Sebenzisa la makhadi ekhowudi.

Phezulu		Ekunene	
Phantsi		Khohlo	



Umsebenzi 2 (uyaqhubeka)





1. Jonga ezi ndlela zintathu zingezantsi.
Yeyiphi indlela, yeyiphi irobhothi?  

- a. 
- b. 
- c. 

2. Khangela iikhowudi ezimbini.

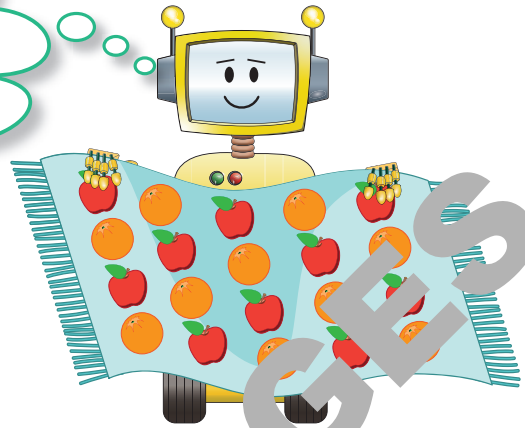
- a. Yeyiphi eyona ndlela ilungileyo?
- b. Yenza nifutshane iikhowudi ngeyona ndlela uyinkethileyo.
- c. Jonga indlela engekho-pitch.

Uvakalelwa njani ngomsebenzi owenzileyo?

1 	2 	3 	4 
Ukuzama!	Ndiyavuya!	Ndinebhongo!	Ndikrelekrele!

Ulandelelwano neepateni ezitsala umdla

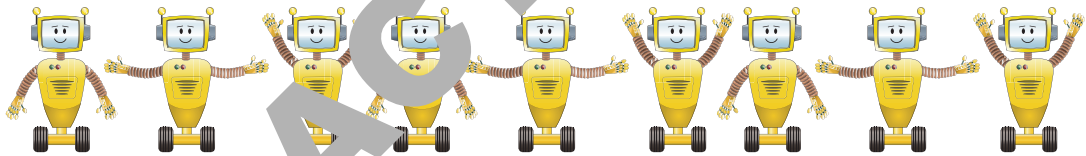
Hmm, jonga ezi pateni.
Yazi ukuba kokuphi
okulandelayo.



UDali ufumene iipateni
ezitsala umdla kakhulu.

Masiqalise

Iipateni iyaphinda. Jonga le pateni yentshukumo.



1. Mangabini manyathelo akulandelelaniso phakathi kokuba iqalise ukuphinda?
2. Ungazenza ezi ntshukumo? Ziphinde ka-3 okanye ka-4.

Ukulandelelaniso lweentshukumo oluphindiweyo.

Ulandelelaniso – umgca wezinto ezilandela umgaqo okhethekileyo, njengemibala esoloko ibekwa njengobomvu, uluhlaza, ubhulowu, ubomvu, uluhlaza, ubhulowu ...



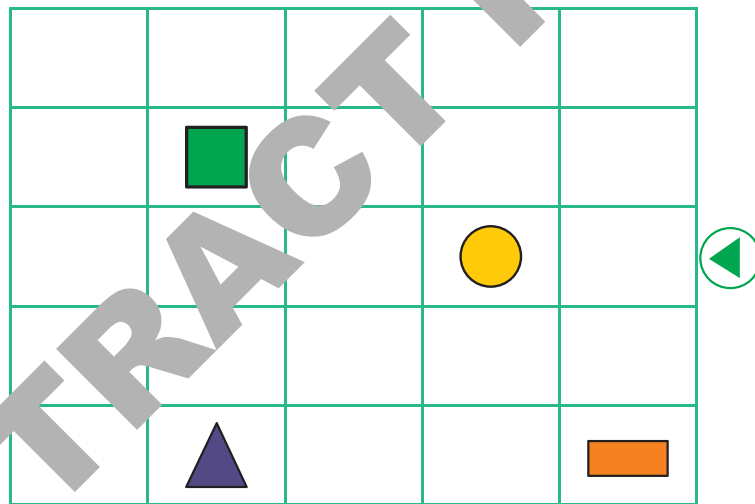
igama
elitsha



Umsebenzi 1

Jonga igridi. Kukho iinxalenye ezintandathu.

1. Yila ikhowudi ukuqokelela iinxalenye ezine.
2. Khangela ikhowudi yakho neqabane lakho.
3. Yila ulandelelaniso lwakho uqhekeka iinxalenye zakho ezine.
4. Khangela ulandelelaniso nepateni yeqabane lakho.

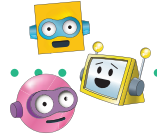


Phezulu	↑	Khohlo	←
Phantsi	↓	Kunene	→

5. Khangela ulandelelaniso nepateni yeqabane lakho.
6. Susa impazamo kwipateni yakho ukuba kuyimfuneko.

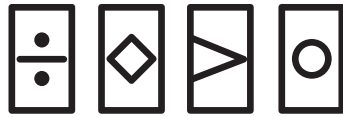


Umsebenzi 2



Chaza iipateni

1.



2.

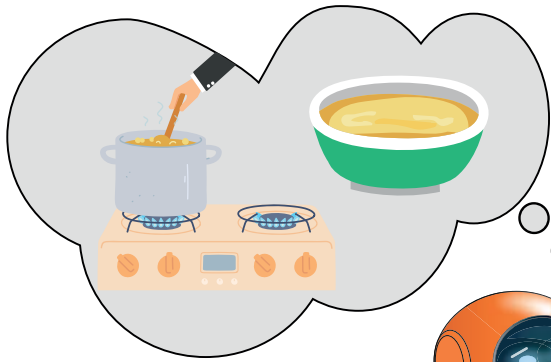


3.

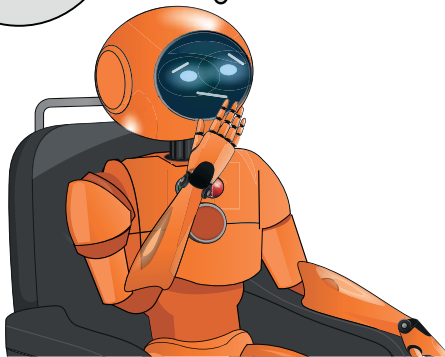


Uvakelelwa njani ngomsebenzi owenzileyo?

1		2		3		4	
Ukuzama!		Ndiyavuya!		Ndinebhongo!		Ndikrelekrele!	



Ungandinceda undibonise indlela olungisa ngayo isidudu?



UKody ufuna ukufumanisa indlela abafundi baseklasini abalungisa ngayo isidudu.

Masiqalis

Imiyalelo yakho khawuda ibhalwa ngendlela yolandelelaniso eqiqisiweyo. Ibhala ngokulandelelaniso. Jonga imifanekiso. Ulandelelaniso lwemifanekiso lubalisa ibali.

1. Lithini ibali lale mifanekiso?
2. Khangela ukuba ingaba ulandelelaniso luchanekile na.
3. Chaza impendulo yakho.



limbaleki ezisekuqaleni
ziguqa ngedolo elinye

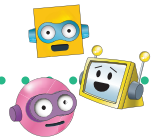


limbaleki zilungela
ukubaleka



limbaleki qalisa
ukubaleka

Umsebenzi 1



Masiphonononge ulandelelaniso.

I. Ingaba olu landelelaniso lulandelelana ngendlela echanekileyo?



Pheka isidudu.



Xuba ioats namanzi embizeni.

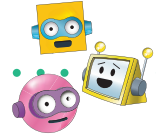


Pheka imizuzu emi-5.



Zamisa isidudu ngokwaneleyo.

Umsebenzi 1 (uyaqhubeka)



2. Masizame esinye.



Galela ubisi
kwisiriyeli



Ubisi isiriyeli nobisi



Fumeka ubisi

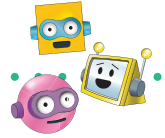


Galela isiriyeli esityeni

Inkqubo - isethi yezenzo okanye amanyathelo athathiweyo ukufikelela kwinjongo ethile.

igama
elitsha

Umsebenzi 2



Yila olwakho ulandelelaniso lwemifanekiso.

1. Khetha ukutya okunempilo.
2. Umntu ngamnye uthetha ngamanyathelo aza kuwalandela ukwenza ukutya.



Isaladi



isangweji



Isoseji eshushu
ehlohlwe
kwiqebengwana

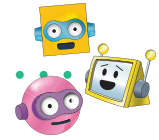


Ihambhega

3. Umntu ngamnye uzoba amanyathelo okutya kwakhe. Sebenzisa amakhadi ukuzoba inyathelo elinye kwikhadi ngalinye.



Umsebenzi 2 (uyaqhubeka)






Khangela:

4. Tshintshiselanani ngamakhadi nelungu elungu leqela.
5. Beka amakhadi alo ngendlela yolandelelwano echanekileyo.
6. Thetha nelungu leqela ngeindlela yolandelelwano lwamakhadi.
 - a. Ingaba indlela yolandelelwano kulula ukuyiqonda?
 - b. Ingaba inike amanyathelo kulula ukuwalandela?
 - c. Yintoni enokuphuculwa kwimizobo?
7. Landela amanyathelo 4 ukuya ku-6 nelungu leqela elahlukileyo.



Uvakalwanjani ngomsebenzi owenzileyo?

1		2		3		4	
Ukuzama!		Ndiyavuya!		Ndinebhongo!		Ndikrelekrele!	