



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**NATIONAL ASSESSMENT
MOTHER TONGUE-BASED BILINGUAL EDUCATION
(MTbBE): NS & TECH
END OF YEAR: 2025**

IBANGA 4

Isifundo: liNzululwazi ngeNdalo neTeknoloji

LoLTA: IsiXhosa

Amanqaku: 40

Ixesha: 1 iyure 20 imizuzu

ngaphandle kwemizuzu e15 yexesha lokufunda

Ifani: _____ Igama: _____

Iklasi: _____ Igama lesikolo: _____

Isithili: _____

Lethesti inamaphepha a18 ngaphandle kwephepha elingaphandle.

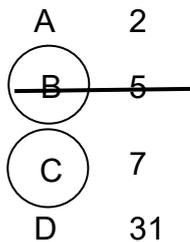
Imiyalelo kumfundi

1. Uza kufumana imizuzu e15 yexesha lokufunda phambi kokuba uqalise ukuphendula lethesti.
2. Utitshala uzakukuncedisa ukwenza umsebenzi wokuziqhelanisa.
3. Funda yonke imiyalelo nemibuzo ngocoselelo.
4. Phendula yonke imibuzo.
5. Indlela obhala ngayo mayicoceke ze ifundeke.
6. Ungayisebenzisi ikhaltyhuleyitha.
7. Zonke iidayagram azizotywanga ngokwe skeyili

Umsebenzi wokuziqhelanisa

Uwuphendula njani umbuzo wokukhetha, ze uyilungise njani impazamo.

2. Zingaphi iintsuku evekini?



Ukuba wenze impazamo ngokubiyela uB, krwela umgca odibanisa unobumba B nempendulo yakhe, wandule ubiyele impendulo echanekileyo, unobumba C.

Ithesti iqala kwiphepha elilandelayo.



Ungalityhili iphepha de uxelelwe ukuba wenze njalo.

ICANDELO A

Biyela unobumba oneyona mpendulo echanekileyo kumbuzo 1.1 – 1.13.

1.1 Ungayicacisa uthi yintoni ieneji? Ieneji ...

- A ifumaneka koomatshini kuphela.
- B isinceda senze izinto ezifana nokudlala.
- C Ingenziwa zizilwanyana nezityalo .
- D yenziwa ngumntu kuphela. (1)

1.2 Ngowuphi umsebenzi ofuna ieneji eninzi kwizilwanyana?

- A Ukulala endaweni enye
- B Ukuginya ukutya ungahlafunanga
- C Ukuleqa ukubamba ixhoba (prey)
- D Ukuhlala emthunzini ungashukumi (1)

1.3 Loluphi ulandelelwano oluchanekileyo kwitsheyini le-eneji?

- A Ingca → Ilanga → Inkomo → Ingonyama
- B Ilanga → Ingca → Inkomo → Ingonyama
- C Inkomo → Ilanga → Ingca → Ingonyama
- D Ilanga → Inkomo → Ingca → Ingonyama (1)

1.4 Umfanekiso ubonisa ithotshi.



Source: <https://image.made-in-china.com/202f0j00NokUSGvyIFqE/Portable-LED-Torch-Lamp-Water-Resistant-Handheld-Tactical-Flash-LED-Torch-Light-for-Outdoor-Camping-Emergency-Everyday-LED-Diving-Flashlight.webp>

Yeyiphi ieneji eluncedo eveliswa yithotshi xa ilayitile?

- A leneji yobushushu
- B leneji yentshukumo
- C leneji yokukhanya
- D leneji yesandi

(1)

1.5 Umfanekiso ubonisa imbiza ebekwe emlilweni.



Source: https://img.freepik.com/premium-photo/campfire-pot-vintage-fire-camping-cooking-cauldron-firewood-flame-hand-drawn-vector-illustration-outdoor-hot-meal-cook-sketch_73899-

Chonga i-inphuthi kunye neawuthiphuthi eneji ebandakanyeka ekuphekeni ukutya embizeni?

	I-inphuthi eneji	lawuthiphuthi eneji
A	leneji yobushushu esembizeni	leneji yokukhanya
B	leneji egcinwe embizeni	leneji yobushushu
C	leneji egcinwe kwinkuni	leneji yobushushu
D	leneji yobushushu ekwiinkuni	leneji yokukhanya

(1)

1.6 Yeyiphi indawo kwisiginkci evayibreyithayo ukuvelisa isandi?

- A Amaqhosha emethali
- B lintambo
- C libha zokhuni
- D lintswazi

(1)

1.7 Umfanekiso ubonisa isixhobo somculo esaziwa ngokuba liphondo lesiFrentshi (French horn).



Sisivelisa njani isandi kwiphondo lesiFrentshi?

- A Ngokuxhuzula (plucking)
- B Ngokubetha
- C Ngokuhlukuhla
- D Ngokuvuthela

(1)

- 1.8 Umfanekiso ubonisa amagubu amakhulu namancinci enziwe ngeetoti zavalwa ngokuqinileyo ngemathiriyeli efanayo. Kukho iintonga ezimbini zokubetha amagubu.



<https://tse2.mm.bing.net/th/id/OIP.dlaWWnWanFRU6OBd3OilxgHaHa?pid=ImgDet&w=206&h=206&c=7&dpr=1,6&o=7&rm=3>

Ukubethwa kwamagubu kuvelisa izandi ezahlukeneyo ngenxa ...

- A yemathiriyeli
- B yobungakanani
- C yoburawundi
- D yeentonga zamagubu

(1)

1.9 Umfanekiso ubonisa iimpawu zoMhlaba.



Source: <https://www.shutterstock.com/image-vector/nature-scene-background-different-parts>

Kulo mfanekiso loluphi uluhlu oluchaza ngcono ezona mpawu zoMhlaba?

- A Izixeko, iindlela, izityalo kunye nezakhiwo
 - B Imilambo, iintaba, umoya neentlambo (valleys).
 - C Amazwekazi, amazwe, kunye nezixeko ezingamakomkhulu
 - D Iifama, iifektri, kunye neepaki
- (1)

1.10 Cacisa ukuba uMhlaba uhamba njani ukuze wenze imini nobusuku.

UMhlaba ...

- A ujikeleza iLanga kwiobhithi yawo kanye kwiiyure ezi ngama 24.
 - B ujikeleza iLanga kwiobhithi yawo kanye kwiiyure ezili 12.
 - C Uhamba kwiobhithi e-eliphthikhali ukujikeleza iLanga.
 - D ushina kwiekzisi yawo kanye kwiiyure ezingama 24.
- (1)

1.11 Yeyiphi kwezi zilandelayo eluphawu lweLanga?

ILanga yibhola enkulu eshushu kakhulu ...

A yeegesi.

B yamatye.

C yelava.

D yeelikhwidi.

(1)

1.12 Kutheni izilwanyana kunye nezityalo zingenakuphila eNyangeni?

A Akukho moya namanzi eNyangeni.

B INyanga ikude kakhulu eMhlabeni

C ENyangeni kuhlala kusebusuku

D INyanga ishushu ngokugqithisileyo.

(1)

1.13 INyanga ithatha iintsuku ezingaphi ukugqiba izigaba zayo (phases) zokujikeleza uMhlaba?

A Iintsuku ezingama $21\frac{1}{2}$

B Iintsuku ezingama $29\frac{1}{2}$

C Iintsuku ezingama 24

D Iintsuku ezingama $27\frac{1}{3}$

(1)

Tshatisa uKholam A kunye noKholam B ngokuzoba imigca.

1.14	Kholam A	<table border="1"> <tr> <td>A.</td> <td>Ukuvuthela</td> <td rowspan="3">(1)</td> </tr> <tr> <td>B</td> <td>Ubushushu</td> </tr> <tr> <td>C.</td> <td>Isandi (sound)</td> </tr> </table>	A.	Ukuvuthela	(1)	B	Ubushushu	C.	Isandi (sound)
	A.		Ukuvuthela	(1)					
B	Ubushushu								
C.	Isandi (sound)								
1.15									
		(1)							

Phendula umbuzo 1.16 – 1.27 kwizithuba ezinikeziweyo.

Nika ithem (term) echanekileyo ngenkcazelo nganye kwezi zilandelayo.

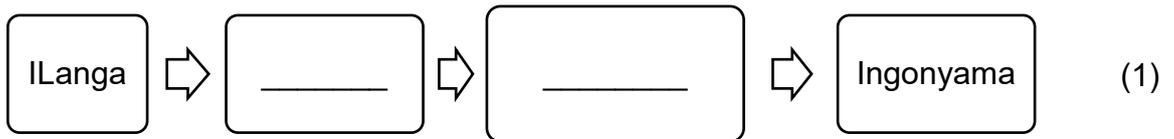
1.16 Ulandelelwano olubonisa indlela ieneji egqithiselwa ngayo ukusuka eLangeni ukuya kwizinto eziphilayo.
 Ipendulo: _____ (1)

1.17 Inkwenkwezi ekufutshane kakhulu noMhlaba.
 Ipendulo: _____ (1)

1.18 Ieneji siyifumana ekutyeni. Ukutya yi ... ye-eneji.
 Ipendulo: _____ (1)

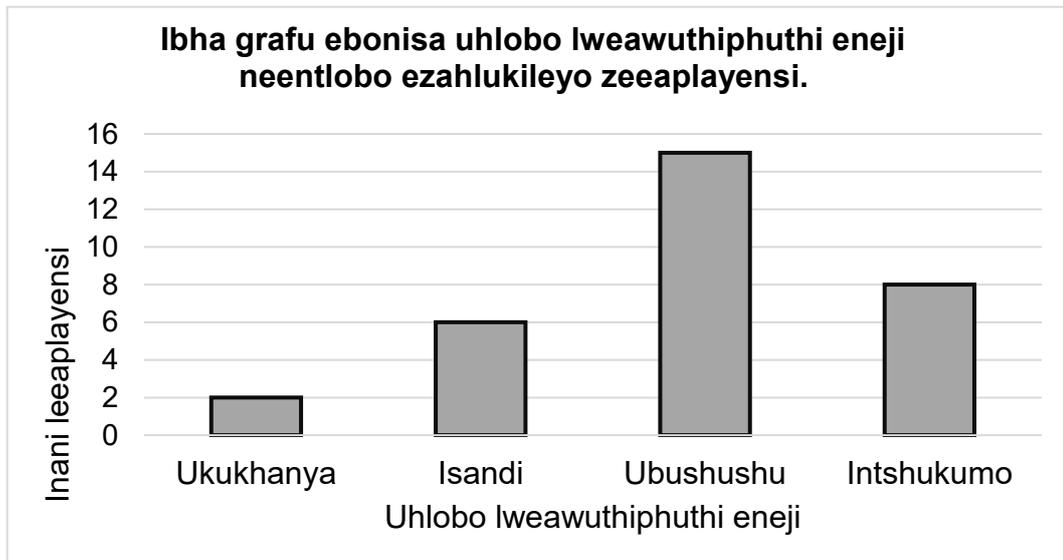
1.19 Sebenzisa imifanekiso oyinikiweyo ukugqibezela idayagram ye-eneji flowu.

			
Ingonyama	I-impala	Ingca	ILanga



1.20 Funda igrafu uze uphendule imibuzo.

Abafundi beBanga lesi-4 benze uphando ngenani leeaplayensi ezivelisa eyona eneji iluncedo kumakhaya abo. Iziphumo ziboniswe kwibha grafu



1.20.1 Chonga kwibha grafu loluphi uhlobo lwe-eneji oluveliswa kakhulu?

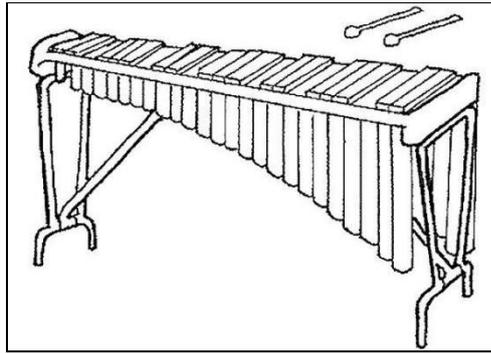
Impendulo: _____ (1)

1.20.2 Nika isizathu sibe siNYE sempendulo yakho ku1.20.1

Impendulo: _____

 _____ (1)

1.21 Umfanekiso ubonisa isixhobo somculo semarimba.



Siveliswa njani isandi kwesi sixhobo somculo?

Ipendulo:

(1)

1.22 Umfanekiso ubonisa isixhobo semveli



Source: <https://i.ebayimg.com/images/g/OMIAAOSw2DRkWOgx/s-l400.png>

Lithini igama lesi sixhobo somculo?

(1)

Ipendulo:

1.23 Idayagram ibonisa amazwekazi kunye neelwandlekazi zoMhlaba



Source: https://www.georgethegeographer.co.uk/Base_maps/Base_maps.html

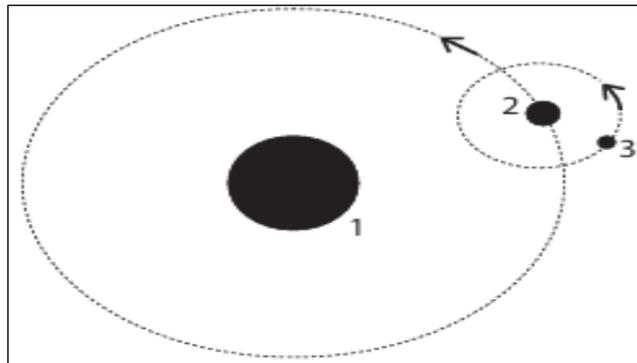
Chonga amazwekazi aleyibhelwe A no B emfanekisweni.

Ipendulo:

A _____ (2)

B _____

1.24 Idayagram ibonisa inxalenye yeSola Sistim.



1.24.1 Leliphi inani elimele uMhlaba?

Ipendulo: _____ (1)

1.24.2 Leliphi inani elimele iNyanga?

Ipendulo: _____ (1)

1.25 Umfanekiso ubonisa iNyanga.



Nika uphawu lubelunYE lweNyanga.

Impendulo:

(1)

1.26 Funda ibali uze uphendule imibuzo.

Mandulo phaya, uLanga noNyanga babetshatile. Babenabantwana abaninzi abaziwa ngokuba ziiNkwenkwezi. ULanga wayebathanda kakhulu abantwana bakhe kwaye wayesoloko efuna ukubabamba.

Kodwa wayeshushu kakhulu zaza ke iiNkwenkwezi zatsha.

IiNkwenkwezi zazingathandi ukutsha ngoko zazisoloko zibaleka ukuze zizimele xa uLanga enyukela esibhakabhakeni. Kodwa iiNkwenkwezi zazikuthanda ukuba kunye nomama wazo, uNyanga, kuba yayingoyena upholileyo.

Source: Thunderbolt

1.26.1 Ngokwebali kutheni iiNkwenkwezi zizimela xa kuvela iLanga esibhakabhakeni emini?

Impendulo:

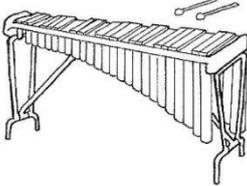
(1)

1.26.2 Sesiphi esona sizathu SICHANEKILEYO sibangela ukuba iiNkwenkwezi zingabonakali emini?

Impendulo:

(1)

1.27 Umfanekiso ubonisa izixhobo zomculo ezahlukileyo.

			
A. Amagubu	B. Ixilongo (trumpet)	C. Imarimba	D. Iisheyikha

Sesiphi isixhobo somculo esivelisa isandi ngokusivuthela?

Impendulo

: _____ (1)

SECTION B

2. Circle the letter of the **most** correct answer from question 2.1 – 2.3

2.1 Describe the term noise pollution.

- A Harmless sounds that are produced by musical instruments
 - B Sounds that make people and animals relax and enjoy music
 - C Unwanted sounds that can harm people and animals
 - D Sounds that cannot damage our ears and human health
- (1)

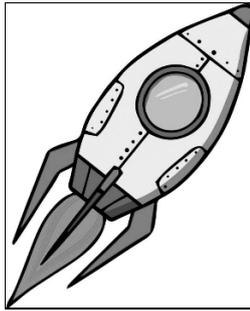
2.2 Study the pictures and answer the question.

		
i Drilling when someone wants to sleep	ii A fan cooling someone on a hot day	iii A violinist playing at a concert

Which of the object(s) is/are sources of noise pollution?

- A i and iii
 - B ii and iii
 - C i
 - D iii
- (1)

2.3 This is a picture of a rocket.



Source: <https://clipartmag.com/image/simple-rocket-ship-drawing-5.jpg>

How does a rocket move into Space from the Earth? It ...

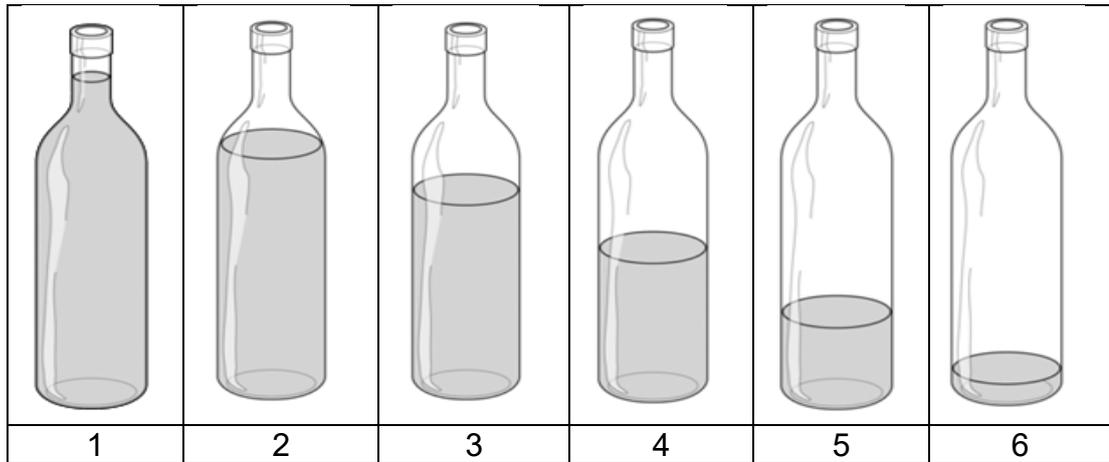
- A floats up gently because it is light.
- B is pushed into Space by the blowing wind.
- C jumps into Space using springs.
- D pushes upwards by releasing hot gases. (1)

Answer question 2.4 – 2.7 on the spaces provided.

2.4 What do we call musical instruments that produce sound by blowing?

Answer: (1)

2.5 The bottles below are arranged from the fullest to the least amount of water to make a water marimba.



2.5.1 If a pencil is used to tap each bottle at the top, which bottle will produce a low pitch?

Answer:

(1)

2.5.2 Explain your answer in 2.5.1.

Answer:

(1)

2.6 What is a rocket?

Answer:

(1)

2.7 Imagine you are a scientist testing different balloon rockets.

Name TWO factors that might affect how far and how fast a rocket balloon travels.

Answer:

a) _____ (1)

b) _____ (1)

EWONKE:[40]

Isiphelo sethsti