basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MTbBE 2025
GRADE 4 NATURAL SCIENCES & TECHNOLOGY: ENGLISH
MARKING GUIDELINES
END OF YEAR

General Marking guidelines

1. *One mark per answer.*
2. *There are no half marks.*
3. *Tick* (✓) only the correct answer and underline the incorrect one.

This marking guideline consists of 3 pages.

SECTION A

No.	Expected answer		
1.1	B	✓	
1.2	C	✓	
1.3	B	✓	
1.4	C	✓	
1.5	C	✓	
1.6	B	✓	
1.7	D	✓	
1.8	B	✓	
1.9	B	✓	
1.10	D	✓	
1.11	A	✓	
1.12	A	✓	
1.13	B	✓	

No.	Expected answer	
1.14	B	✓
1.15	C	✓

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No.	Expected answer	Clarification	Mark
1.16	Energy chain ✓ **Or** Energy transfer ✓ **Or** Energy flow ✓	1 mark for **any one** of the listed answers.	1
1.17	The Sun ✓	1 mark for the correct answer.	1
1.18	Source ✓	1 mark for the correct answer.	1
1.19	Grass, Impala ✓	1 mark when the chain is correctly arranged. 0 mark when the chain is twisted or when one space is filled	1
1.20.1	heat energy ✓	1 mark for the correct answer.	1
1.20.2	There are more appliances producing heat ✓	1 mark for the correct reason.	1
1.21	By beating ✓	1 mark for the correct answer.	1
1.22	Flute ✓	1 mark for modern	1
1.23	A. Africa ✓ B. North America ✓	1 mark for each correct answer.	2
1.24.1	2 ✓	1 mark for the correct answer.	1
1.24.2	3 ✓	1 mark for the correct answer.	1
1.25	• Ball of rock in space ✓ **Or** • No air and water ✓ **Or** • Craters ✓	1 mark for **any one** of the listed answers.	1
1.26.1	They ran away because they did not want to be burnt. ✓ **Or** They could not withstand the heat. ✓	1 mark for the correct reason.	1
1.26.2	The Sun is too bright✓ **Or** The sky is too blue✓	1 mark for the correct reason.	1
1.27	B / Trumpet ✓	1 mark for the correct answer	1
			[31]

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SECTION B

No.	Expected answer	
2.1	C	✓
2.2	C	✓
2.3	D	✓

No.	Expected answer	Rationale/Clarification	Mark
2.4	Wind instruments ✓	1 mark for the correct answer. Do not accept 'wind' as an answer.	1
2.5.1	Bottle 1✓ **Or** Bottle with the most amount of water ✓	1 mark for correct bottle 1	1
2.5.2	Less air in the bottle ✓ **Or** vibrations are slower ✓ **Or** Bottle with the most amount of water ✓	1 mark for correct explanation	1
2.6	A rocket is a system used to propel vehicles into Space. ✓ **Or** A rocket is a vehicle/ machine that moves by pushing out gas very fast in the opposite direction. ✓ **Or** A rocket is machines that flyers into space/sky by shooting out gas very fast.✓	1 mark for correct explanation	1
2.7	a) The amount of air/ Helium/ gas inside the balloon✓– more air can make it go further and faster. b) The size and shape of the balloon✓ – these changes how the air pushes out and affects how the rocket moves. **Or** The gradient of the path of a balloon **Or** The direction of the wind **Or** The temperature of the air inside the balloon **Or** The temperature of the atmosphere around the balloon	1 mark for one correct factor. 1 mark for one correct factor.	2
			(9)

TOTAL [40]

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