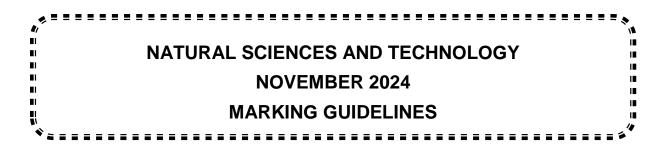


education

Department: Education North West Provincial Government REPUBLIC OF SOUTH AFRICA

PROVINCIAL ASSESSMENT

GRADE 6



MARKS: 60

These marking guidelines consist of 5 pages.

Please turn over

Grade 6 – Marking guidelines

ANSWER			
C✓			
B✓	7		
Crater V	_		
	5		
B√√			
A <			
F✓✓	8		
	ANSWER $C \checkmark$ $A \checkmark$ $D \checkmark$ $B \checkmark \checkmark$ $C \lor \checkmark$ $A \checkmark \checkmark$ $F \lor \checkmark$ TOTAL SECTION		

2

3 Grade 6 – Marking guidelines

SECTION B			
QUESTION 2			_
2.1	2.1.1	a) No√ b) No √ c) Yes √	3
	2.1.2	Circuit A and B are incomplete. \checkmark (A with a gap between negative terminal and the bulb. B has only one connective wire from positive terminal.) C is a complete circuit that allows the flow of electricity. \checkmark *(mark any relevant explanations)	2
	2.1.3	Light√ and heat√	2
2.2	2.2.1	Image: With the second seco	5
2.3	2.3.1	a) Coin ✓ b) Rubber ✓	2
	2.3.2	Which materials will act as conductors or insulators between the 6 different materials? $\checkmark\checkmark$	
	2.2.3	3 materials are conductors and 3 are insulators. $\checkmark\checkmark$ Reject \checkmark Hypothesis (Not all materials acted as insulators)	2
			3 [19]

QUESTION 3			
3.1	3.1.1	Electric stoves and geysers are high-power appliances that require more energy to generate heat. \checkmark Appliances that are used for heating use more electrical energy and will therefore cost more. \checkmark	2
	3.1.2	A. Use a gas stove. √ B. Use a solar geyser. √	2
	3.1.3	Solar energy √	1
			[5]
		TOTAL SECTION B:	24

Grade 6 – Marking guidelines

SEC	TION C]
QUE	ESTION 4		
4.1	4.1.1	a) Jupiter b) Saturn	2
	4.1.2	Earth	1
	4.1.3	Barrier Structure Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solutio	
		Earth Mars Neptune	5
QUE	STION 5		
5.1	5.1.1	Southern African Large Telescope or (SALT)	1
	5.1.2	$2025\checkmark - 20\checkmark = 2005\checkmark$ * (mark any mathematical method that arrives to the correct answer)	3
	5.1.3	Lenses ✓ and big mirror ✓	2
5.2		Earth's movement in its own orbit around the Sun \checkmark and Moon also revolves in orbit around the Earth. \checkmark	2
		TOTAL SECTION C:	16
L		GRAND TOTAL:	60