

SMARTWIZ

GRADE 5 NATURAL SCIENCE EXAM

MARKS: 50

MARKS	

TIME: 1 hour

SCHOOL _____

CLASS (e.g. 4A) _____

SURNAME _____

NAME _____

MYST PATHWORKS

Instructions for Students:

- > Read all instructions carefully before beginning the exam.
- > Write your name and student ID clearly on the answer sheet/booklet.
- > Answer all questions unless otherwise stated.
- > Show all your work/calculations where applicable.
- > Write clearly and legibly.
- > Use blue or black ink only. * Do not use correction fluid/tape.
- > No electronic devices (calculators, phones, etc.) are allowed unless explicitly permitted.
- > Raise your hand if you have any questions.
- > Do not talk to other students during the exam.
- > Any form of cheating will result in disqualification.

GRADE 6 NATURAL SCIENCES EXAM PAPER
TERM ASSESSMENT
TOTAL: 50 MARKS

QUESTION 1: MATERIALS AND THEIR USES (7 MARKS)

1.1 What is the difference between natural and man-made materials? (2)

1.2 Name two natural materials. (2)

- ---
- ---

1.3 Give one reason why metal is a good material for making cooking pots. (1)

1.4 Which material would you use to make a raincoat and why? (2)

Material:

Reason:

QUESTION 2: PLANET EARTH (7 MARKS)

2.1 Name the two main types of water found on Earth. (2)

- ---
- ---

2.2 What is the importance of the Sun to life on Earth? (2)

2.3 Which part of the Earth contains all the air? (1)

2.4 Complete the table below: (2)

Layer of Earth	Description
Crust	<hr/>
Core	<hr/>

QUESTION 3: SYSTEMS FOR MOVEMENT (7 MARKS)

3.1 What is the main function of the skeleton in the human body? (2)

3.2 Name two organs that are protected by the rib cage. (2)

- ---
- ---

3.3 What joins muscles to bones? (1)

3.4 True or False: Muscles can push bones to move. (1)

3.5 What helps our body to move? (1)

QUESTION 4: MIXTURES (7 MARKS)

4.1 What is a mixture? (2)

4.2 Give an example of a solid-solid mixture. (1)

4.3 Which method would you use to separate stones from rice? (1)

4.4 Look at the table and answer the questions: (3)

Mixture	Method of Separation
Sand and water	
Salt and water	
Tea leaves in tea	

QUESTION 5: ENERGY AND MOVEMENT (7 MARKS)



5.1 What is energy? (2)

5.2 Name two forms of energy. (2)

- _____
- _____

5.3 What energy change happens when you switch on a torch? (1)

5.4 Fill in the blanks: (2)

Energy cannot be _____ or _____. It can only be changed from one form to another.

QUESTION 6: PLANTS AND ENVIRONMENT (7 MARKS)

6.1 What do plants need to grow? (Any three) (3)

- _____
- _____
- _____

6.2 What is the role of bees in pollination? (2)

6.3 What happens to a plant if it does not get sunlight? (2)

QUESTION 7: LIFE CYCLES (8 MARKS)

7.1 What is a life cycle? (2)

7.2 Name the four stages of a butterfly's life cycle. (4)

1. _____
2. _____
3. _____
4. _____

7.3 How does the life cycle of a frog differ from that of a human? (2)

TOTAL: 50 MARKS

MAP

MYST PATHWORKS