

SMARTWIZ

GRADE 4 NATURAL SCIENCE EXAM

MARKS: 50

MARKS	
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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.
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GRADE 4 NATURAL SCIENCE EXAM PAPER –

QUESTION 1: Choose the correct answer (5 marks)

Write only the correct answer next to the number.

1. The main source of light and heat for Earth is the _____.
a) Moon b) Candle c) Sun
 2. A fish uses _____ to breathe underwater.
a) Gills b) Nose c) Wings
 3. People use _____ to cook food.
a) Soil b) Energy c) Plastic
 4. _____ is a solid.
a) Juice b) Air c) Rock
 5. The part of the body that helps us see is the _____.
a) Ear b) Eye c) Nose
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QUESTION 2: Match the column (5 marks)

Draw a line to match the item in Column A with the correct word in Column B.

Column A	Column B
Plant	Brain
Animal	Makes its own food
Human	Builds nests
Bird	Has feathers
Organ	Needs air and food

QUESTION 3: Fill in the missing words (5 marks)

Choose words from the box:

[plants, sun, stomach, water, eggs]

1. All animals need _____ to stay alive.

2. The _____ gives heat and light to Earth.

3. Birds lay _____ to have babies.

4. We get food from animals and _____.

5. The _____ helps us to digest our food.

QUESTION 4: Give one word answers (5 marks)

1. What do you call the gas we breathe in from the air?

2. What do we call the tiny parts of a plant that can grow into new plants?

3. What organ pumps blood through the body?

4. What do animals do to stay warm in cold weather?

5. What helps protect your bones and body organs?

QUESTION 5: Short answers (10 marks)

1. Name TWO uses of water at home.

2. Name TWO animals that can live both on land and in water.

3. Why is the sun important to plants?

4. What is one difference between a solid and a liquid?

5. Give TWO ways to save water.

QUESTION 6: Explain (9 marks)

1. Explain what would happen if we did not have clean water to drink.

2. Explain how you know something is living. (Give 2 signs of life.)

3. Explain how humans protect themselves from the sun.

QUESTION 7: Creative thinking (6 marks)

Imagine the Earth had **no plants**.

- What would happen to animals and people?
- Give two things that would change.

Write 3 full sentences:

✓ **TOTAL: 50 MARKS**



MEMO: GRADE 4 NATURAL SCIENCES EXAM PAPER

QUESTION 1: Choose the correct answer (5 marks)

1. c) Sun
 2. a) Gills
 3. b) Energy
 4. c) Rock
 5. b) Eye
- (1 mark each = 5 marks)
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QUESTION 2: Match the column (5 marks)

1. Plant – Makes its own food
 2. Animal – Needs air and food
 3. Human – Brain
 4. Bird – Has feathers
 5. Organ – Brain
- (1 mark each = 5 marks)
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QUESTION 3: Fill in the missing words (5 marks)

1. water
 2. sun
 3. eggs
 4. plants
 5. stomach
- (1 mark each = 5 marks)
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QUESTION 4: Give one word answers (5 marks)

1. Oxygen
 2. Seeds
 3. Heart
 4. Grow fur / hibernate / stay in warm places (accept any correct answer)
 5. Skeleton / bones
- (1 mark each = 5 marks)

QUESTION 5: Short answers (10 marks)

1. Any 2 uses, e.g.:
 - Drinking
 - Washing
 - Cooking
 - Watering plants(1 mark each = 2 marks)
2. Examples:
 - Frog
 - Crocodile
 - Turtle(1 mark each = 2 marks)
3. The sun gives light and energy that plants need to make food.
(2 marks)
4. A solid keeps its shape. A liquid flows and takes the shape of its container.
(2 marks)
5. Any 2 correct ways, e.g.:
 - Close taps
 - Reuse water
 - Fix leaks(1 mark each = 2 marks)

QUESTION 6: Explain (9 marks)

1. Without clean water, people and animals can get sick or die.
(3 marks)
2. Living things breathe, grow, move, eat, or reproduce (any 2 signs of life accepted).
(3 marks)
3. Use sunscreen, wear hats or clothes, stay in shade (any 2–3 reasonable points).
(3 marks)

QUESTION 7: Creative thinking (6 marks)

- Animals and people would not have food or oxygen.
- The Earth would be dry and there would be no shade.

- Answers may vary but should include two correct consequences and clear writing.
(3 correct ideas = 6 marks)
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✓ TOTAL: 50 MARKS

