

SMARTWIZ

GRADE 4 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.

QUESTION 1: Choose the correct answer (10 marks)

Circle the correct answer.

1. Which part of the plant takes in water?
 - a) Leaf
 - b) Root
 - c) Flower
 - d) Stem
2. Which one is NOT a mammal?
 - a) Cat
 - b) Elephant
 - c) Frog
 - d) Whale
3. What helps birds to fly?
 - a) Fur
 - b) Teeth
 - c) Wings
 - d) Fins
4. What is the sun a source of?
 - a) Light and heat
 - b) Food
 - c) Water
 - d) Soil
5. Which of these animals lays eggs?
 - a) Dog
 - b) Cat
 - c) Chicken
 - d) Cow

QUESTION 2: Match the columns (10 marks)

Draw a line or write the correct letter to match the animal with where it lives.

ANIMAL	PLACE IT LIVES
1. Fish	A. Tree
2. Bird	B. Water
3. Mole	C. Nest
4. Lion	D. Ground/Burrow
5. Monkey	E. Land/Savannah

Write the letter next to the number:

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

QUESTION 3: Fill in the missing words (10 marks)

Choose from the box and fill in the blanks. (Each word can be used only once.)

[air, energy, stem, eggs, sense]

1. We need _____ to breathe.

2. The sun gives plants _____ to grow.

3. The _____ carries water to the leaves.

4. Reptiles lay _____.

5. Animals use their _____ organs to feel and see.

QUESTION 4: Diagram - Life cycle (10 marks)

Look at the picture of the Life Cycle of a Frog below.



Write the correct name next to each stage:

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

Now answer:

5. Why is a life cycle important for animals?

QUESTION 5: Short answer (10 marks)

Answer in full sentences.

1. What is the job of the leaves on a plant?

2. Name TWO things a plant needs to make its own food.

3. How do humans use plants in their daily lives? Give TWO examples.

4. Why is water important for animals and plants?

TOTAL: 50 MARKS

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QUESTION 1: Choose the correct answer (10 marks)

1. b) Root
2. c) Frog
3. c) Wings
4. a) Light and heat
5. c) Chicken

(2 marks each = 10 marks)

QUESTION 2: Match the columns (10 marks)

1. Fish – B. Water
2. Bird – C. Nest
3. Mole – D. Ground/Burrow
4. Lion – E. Land/Savannah
5. Monkey – A. Tree

(2 marks each = 10 marks)

QUESTION 3: Fill in the missing words (10 marks)

1. air
2. energy
3. stem
4. eggs
5. sense

(2 marks each = 10 marks)

QUESTION 4: Diagram - Life cycle (10 marks)

Stages:

1. Egg
2. Tadpole
3. Froglet
4. Adult frog

Why is a life cycle important for animals?

- So animals can grow and reproduce.
- It helps life to continue. *(Any relevant answer = 2 marks)*

(2 marks per label + 2 marks for explanation = 10 marks)

QUESTION 5: Short answer (10 marks)

1. Leaves help the plant to make food using sunlight.
2. Sunlight and water (also: air or carbon dioxide).
3. Humans use plants for food and medicine / clothes / building materials (any 2).
4. Water helps plants grow and animals stay alive. It's needed for life.

(2 marks each = 10 marks)

✓ TOTAL: 50 MARKS