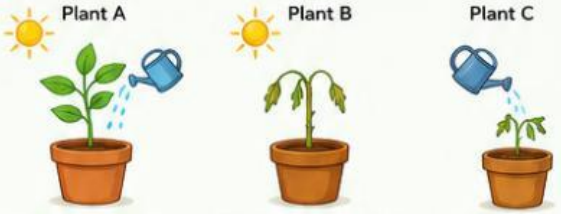
GRADE 5 LIFE SCIENCE MINI TEST

Topic: Living Things & Life Processes **Time:** 15–20 minutes **Total Questions:** 10 MCQs

1 What Do Plants Need?



Experiment Description: Three identical plants were grown for 2 weeks.

- Plant A received sunlight and water.
- Plant B received sunlight but no water.
- Plant C received water but no sunlight.

Which plant will grow best?

A. Plant A
B. Plant C
C. Plant B
D. All plants grow equally

2 Independent & Dependent Variable

Experiment Description: A student changes the amount of water given to plants and measures their height.

What is the dependent variable?

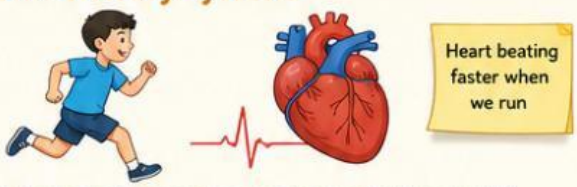
A. Amount of water
B. Type of soil
C. Plant height
D. Number of pots

3 Animal Classification

Which animal spends part of its life in water and part on land?

A. Fish
B. Frog
C. Bird
D. Snake

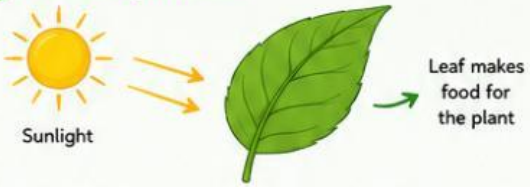
4 Human Body Systems



Which body system moves oxygen around the body?

A. Digestive system
B. Circulatory system
C. Skeletal system
D. Nervous system

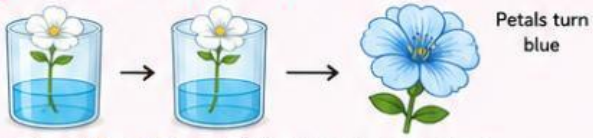
5 Photosynthesis



Plants make their own food using sunlight in a process called:

A. Breathing
B. Digestion
C. Photosynthesis
D. Germination

6 Plant Transport Experiment

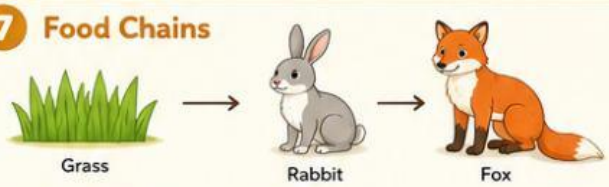


Experiment Description: A white flower stem was placed in blue-colored water. After one day, the petals turned blue.

What does this experiment show?

A. Flowers drink milk
B. Water moves through plant stems
C. Plants change color naturally
D. Roots are useless

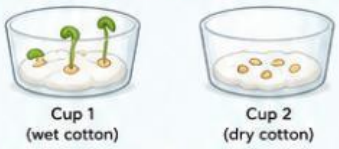
7 Food Chains



Which organism is the producer?

A. Rabbit
B. Fox
C. Grass
D. All animals

8 Germination Experiment



Experiment Description: Seeds were placed in two cups. Only Cup 1 had water.

What will most likely happen?

A. Seeds grow only in Cup 1
B. Seeds grow only in Cup 2
C. Seeds grow equally
D. Seeds do not grow

9 Adaptations

Why does a camel have long eyelashes?

A. To look beautiful
B. To protect eyes from sand
C. To hear better
D. To swim

10 Healthy Living Investigation

Experiment Description: Two groups of students were observed for two weeks.

What is the independent variable?

A. Energy level
B. Type of exercise
C. Whether students exercised or not
D. Number of students

ANSWER KEY: 1. A 2. C 3. B 4. B 5. C 6. B 7. C 8. A 9. B 10. C

LIVEWORKSHEETS