25SCHOOLS

FREE LEARNING NOTES FOR ZAMBIA

GRADE 2 · TERM 2

Science

Plants and Animals

Lesson notes for learners · Competence-Based Curriculum

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Have you ever eaten a fruit and wondered where it came from. Or seen an animal and wondered where it lives. In this note you will learn the parts of a plant and the places where animals live.

AFTER THESE NOTES YOU SHOULD BE ABLE TO

- Name the parts of a plant
- Say what each part of a plant does
- Say what a habitat is
- Name places where animals live

KEY WORDS

Root	The part of a plant that grows underground and takes in water and food from the soil.
Stem	The part that holds the plant upright and carries water and food to other parts.
Leaf	The flat part of a plant that makes food using sunlight.
Habitat	The place where an animal lives and finds food, water and shelter.
Life cycle	The stages a plant goes through from seed to adult plant and back to seed again.

1 Parts of a plant

A plant has a root, a stem, leaves, flowers, fruits and seeds. Touch each part on a real plant.

The root grows underground and takes in water and food from the soil. The stem holds the plant upright and carries water and food to other parts. The leaf is flat and makes food using sunlight.

The flower helps the plant make seeds. The fruit holds seeds and can often be eaten. A seed can grow into a new plant.

Part	What it does
Root	Takes in water and food from the soil
Stem	Holds the plant up and carries water and food
Leaf	Makes food using sunlight
Flower	Helps the plant make seeds
Fruit	Holds seeds and can be eaten
Seed	Grows into a new plant

Figure 1. Parts of a plant and their jobs

2 Where animals live

A habitat is the place where an animal lives and finds food, water and shelter.

A forest has many trees. Monkeys and birds live there. Soil is the home of small animals like worms and insects. A river has flowing water where fish live.

A lake has still water where crocodiles and fish live. A grassland is open land with grass where zebras and antelopes live.

Habitat	Animals that live there
Forest	Monkeys and birds
Soil	Worms and insects
River	Fish
Lake	Crocodiles and fish
Grassland	Zebras and antelopes

Figure 2. Habitats and animals

3 The life cycle

A plant goes through stages. It starts as a seed and grows into an adult plant. The adult plant makes seeds again. This is called a life cycle.

TRY THIS

Find a small plant with an adult. Touch the root if you can, then the stem and the leaves. Tell the adult what each part does.

REMEMBER

- The root takes in water and food from the soil
- The stem holds the plant up
- The leaf makes food using sunlight
- A habitat is where an animal lives and finds food, water and shelter
- Fish live in rivers and monkeys live in forests

? Check yourself

1. What does the root do.
2. Which part of a plant makes food using sunlight.
3. What is a habitat.
4. Which animals live in a forest.
5. Chipo holds a bean plant and her teacher asks her to feel its parts. She touches the part under the soil and the part that holds the plant up. (a) What is the part under the soil called. (b) What is the part that holds the plant up called. (c) What does the part under the soil take in.
6. A teacher tells the class about a place with open land and grass where zebras live, and another with flowing water where fish live. A learner is asked to name them. (a) What is the grass place called. (b) What is the flowing water place called. (c) What do we call a place where an animal lives.

ANSWERS

1. It takes in water and food from the soil.
2. The leaf.
3. The place where an animal lives and finds food, water and shelter.
4. Monkeys and birds.
5. (a) The root. (b) The stem. (c) Water and food from the soil.
6. (a) A grassland. (b) A river. (c) A habitat.

Written by 25Schools to follow the Grade 2 Science syllabus of the Zambian competence-based curriculum. Free for learners to read, download and share. More notes and quizzes at 25schools.com.