

Parts of a Plant

Chapter 3: Plants Around Us · Topic 1

Key Concept

The roots grow underground and hold the plant firmly in the soil, while also absorbing water and nutrients for the plant. The stem supports the plant and carries water and nutrients from the roots to the leaves.

Leaves use sunlight to make food for the plant, in a process we will learn more about later called photosynthesis. Flowers are often colourful and help the plant make seeds, which can grow into new plants.

Fruits grow from flowers and contain seeds - fruits often protect the seeds and can also be eaten by humans and animals, like apples, mangoes, and tomatoes.

Understanding plant parts helps us see how each part works together to help the plant grow, make food, and reproduce.

Quick Revision Notes

- Roots hold the plant in soil and absorb water.
- The stem supports the plant and carries water to leaves.
- Leaves use sunlight to make food for the plant.
- Flowers help the plant make seeds.
- Fruits grow from flowers and contain seeds.
- Fruits can be eaten by humans and animals.
- Each plant part has an important job.
- All plant parts work together to help the plant grow.

Practice Questions

- 1 Draw a plant and label its parts.
- 2 Find a real plant and identify its roots, stem, and leaves.
- 3 Name three fruits and the plants they come from.
- 4 Explain what a leaf does for a plant.
- 5 Discuss why roots are important for a plant.
- 6 Collect a flower and observe its parts carefully.