



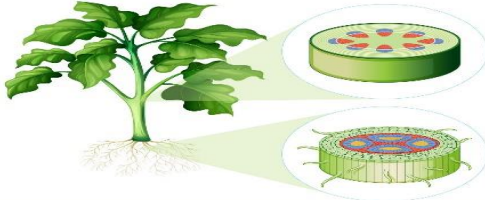
What should I already know?

Name the basic structure of a plant.
Explain how seeds and bulbs grow into plants.
I know plants need water and light to grow healthy.

Diagrams



The stem contains little tubes called xylem which carries water.



Plants attract insects to spread seeds and reproduce.



Vocabulary



Root



Roots grow underground to help keep the plant from falling over.

Stem



The main structure of a plant.

Leaves



Collects energy from the sun and makes food for the plant.

Flowers



The part of a plant that has petals and that makes fruit or seeds.

Xylem



A plant's tissue that carries water and minerals.

Germination



The process by which a plant begins to grow from a seed.

Fertilisation



When pollen reaches the new flower and travels to the ovary to fertilise egg cells.

Seed dispersal



When seeds are scattered by animals or the wind.

Pollination



When pollen from the flower is carried by insects or blown by the wind.

Quick Facts

The four main parts of a flowering plant are



the roots, stem, leaves and flowers. The roots absorb water and minerals

from the soil and anchor the plant to the ground.

The stem supports the plant above the ground and carries the water and minerals to the leaves.

The leaves collect energy from the sun and make food for the plant through photosynthesis.

The flowers attract insects to spread seeds and reproduce and produce seeds from which new plants grow.

In order for a plant to live and grow healthy, it needs air, light, water, nutrients from the soil and room to grow.

These requirements vary from plant to plant.

Water is absorbed through the roots of the plant.

The stem contains little tubes called xylem which carry water up to the leaves and flowers.

Flowers play an important part in the life cycle of flowering plants through germination, pollination, fertilisation and seed dispersal.

Working Scientifically



Questioning, Planning and Enquiring



Investigating



Observing and Recording



Concluding and Evaluating