



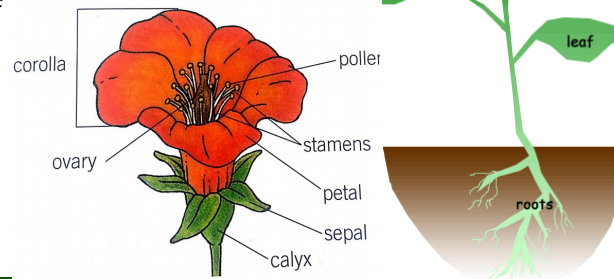
Vocabulary I need to know

Photosynthesis	The process where a plant makes its own food using sunlight
Flower	Part of a plant for reproduction
Stem	Part of a plant that supports the leaves, and flowers
Root	Part of a plant that helps to collect water and nutrients from the soil
Pollen	Part of a flower involved in the reproduction of a plant
Pollination	A process involved in the reproduction of flowers
Dispersal	The way seeds are moved away from the parent plant
Seed formation	Seeds are formed within the plant

Things I already know before I start the journey

- I have observed and described how seeds and bulbs grow into mature plants.
- I have found out about and described how plants need water, light and a suitable temperature to grow and stay healthy.

The parts of a flower 11



Things I need to know by the end of the journey

Many plants, but not all, have roots, stems/trunks, leaves and flowers/blossom.

The roots absorb water and nutrients from the soil and anchor the plant in place.

The stem transports water and nutrients/minerals around the plant and holds the leaves and flowers up in the air to enhance photosynthesis, pollination and seed dispersal.

The leaves use sunlight and water to produce the plant's food.

Some plants produce flowers which enable the plant to reproduce.

Pollen, which is produced by the male part of the flower, is transferred to the female part of other flowers (pollination).

This forms seeds, sometimes contained in berries or fruits which are then dispersed in different ways.

LO: To identify and describe different parts of flowering plants and know their functions

Label parts of a plant and describe their function

LO: To explore the requirements of plants for life and growth.

To investigate what plants need to survive

LO: To record findings simple scientific language of observations of plant growth

Record observations in a scientific way

LO: To investigate ways in which water travels through plants

To describe how water travels through a plant from the roots, through the stem and out through the leaves.

LO: To explore the part a flower plays in the life cycle of flowering plants.

Dissect and label parts of a flower and describe the function of each part

LO: To be able to order and describe the different stages in the life cycle of a flowering plant

Identify and describe the 5 aspects of the life cycle of a plant and give examples of how seeds are dispersed.