

Year 3 Plants

Key Vocabulary

Photosynthesis - the process by which plants use the sun's energy to make their own food or energy

Pollen – a fine powder produced by flowers which is used to produce new seeds

Pollination – fertilising a plant with pollen, often done by insects.

Plant – a living thing that grows in the Earth and has a stem, leaves and roots

Flower – the part of a plant which is brightly coloured and grows at the end of a stem.

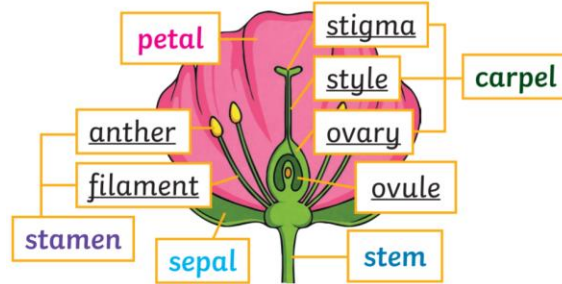
Stem – This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.

Leaves – These make food for the plant using sunlight and carbon dioxide from the air.

Roots – These anchor the plants into the ground and absorb water and nutrients from the ground.

Flower

The flower's job is to create seeds so that new plants can be grown.

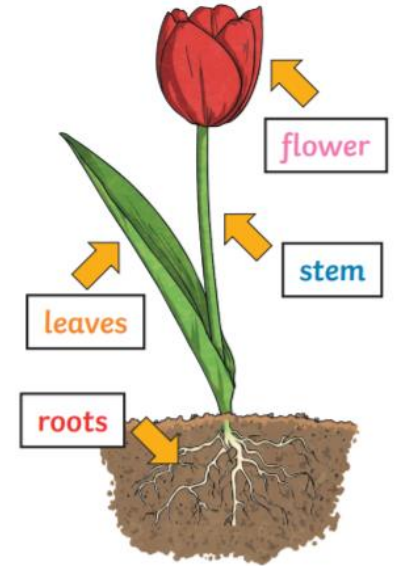


Parts of a flower vocabulary

1	Petal	A way to describe something
2	Stamen	The male part of a flower containing pollen
3	Carpel	The female part of a flower containing an egg
4	Fertilisation	When pollen and an egg join together to make a seed
5	Dispersal	Spreading things over a wide area
6	Pollen	A powdery yellow substance from the male part of a flower
7	Nectar	A sweet fluid in flowers that attracts insects

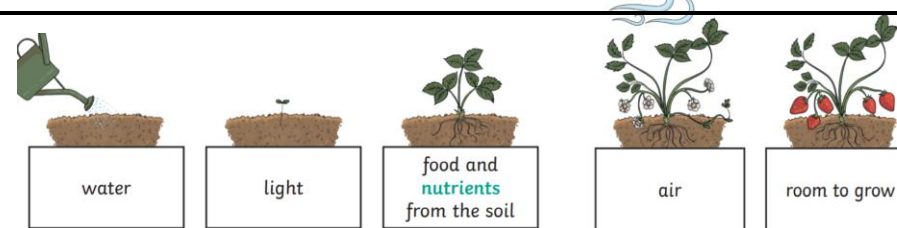
Flowering plant

Each structure in a flowering plant has a job to do.

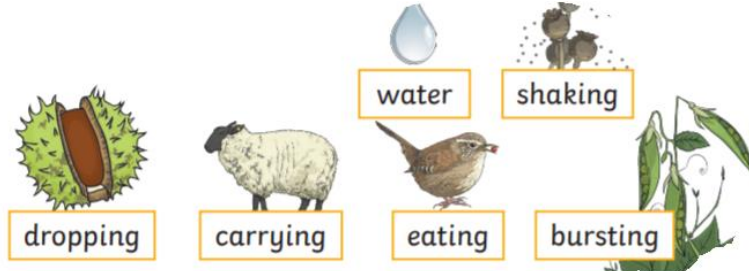


What does a plant need to grow?

Different plants vary in how much of these they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.



Seed dispersal



How a plant takes in water

