



Year 3 - Structure and Function of Plants

Biology

Key vocabulary

roots	These anchor a plant in place and are the part of the plant that we cannot see. The roots also absorb water and nutrients from the soil.
stem/trunk	Transports water and nutrients around the plant. It also holds the leaves/flowers up in the air.
leaves	They use sunlight and water to produce the plant's food.
photosynthesis	The way in which plants make food in their leaves.
pollen	This is a very fine powder that is produced by the male part of the flower.
pollination	When pollen is transferred to female parts of a flower. This can be done by wind or insects.
seed formation	Seeds can develop after pollination. They can be found in berries or fruits.
seed dispersal	A method of moving the seeds away from the parent plant so that the seeds have the best chance of survival.
germination	When a seed sprouts a root and shoot and begins to grow.
fertilisation	When the male and female parts of the flower have mixed in order to make seeds for new plants.

How water moves around a plant...

- 1 The roots absorb water from the soil.
- 2 The stem transports water to the leaves.
- 3 Water evaporates from the leaves.
- 4 This evaporation causes more water to be sucked up the stem.

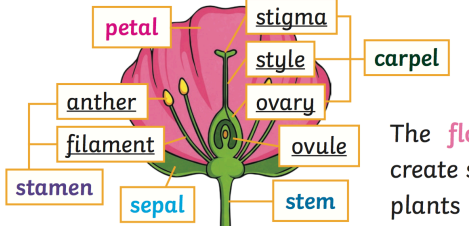
What plants need to grow...



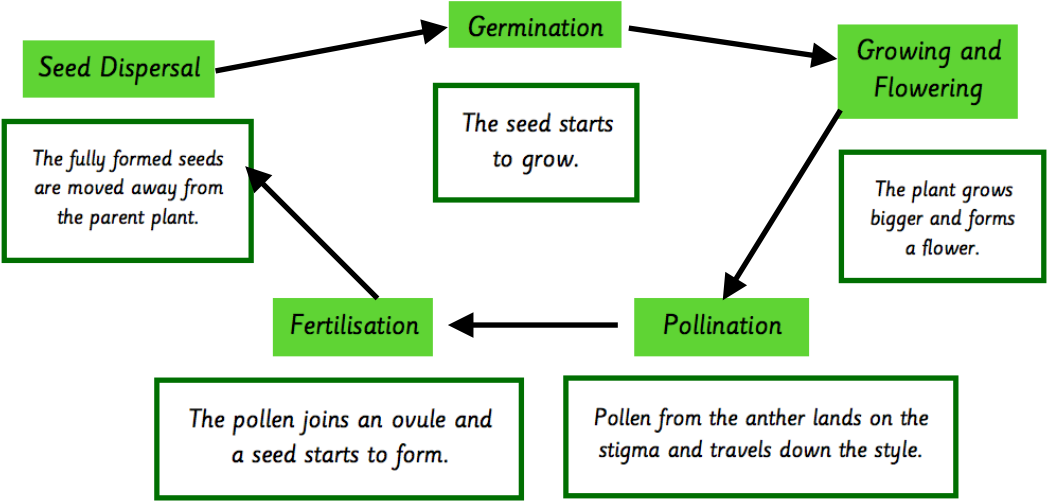
Water Air

Space Light Nutrients

Parts of a flower...



Life Cycle of a Flowering Plant



Methods of seed dispersal

Seeds can be dispersed by....

water shaking

dropping carrying eating bursting

