



Year 3 Science: Plants

What I should already know:

The basic structure of a variety of common flowering plants, including trees.

How seeds and bulbs grow into mature plants.

How plants need water, light and a suitable temperature to grow and stay healthy.

At the end of this topic, I will know:

The functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.

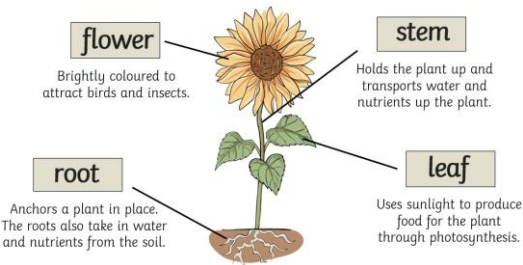
The requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant.

The way in which water is transported within plants.

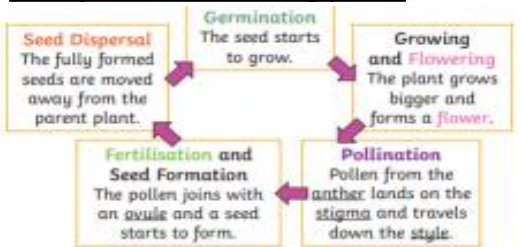
The part that flowers play in the life cycle of flowering plants, including pollination, seed formation, and seed dispersal.

Key Facts:

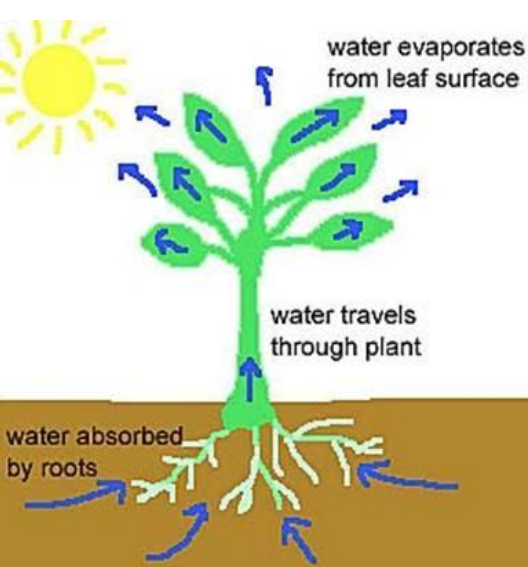
Function of a flowering plant.



Life cycle of a flowering plant.



How water is transported within plants.

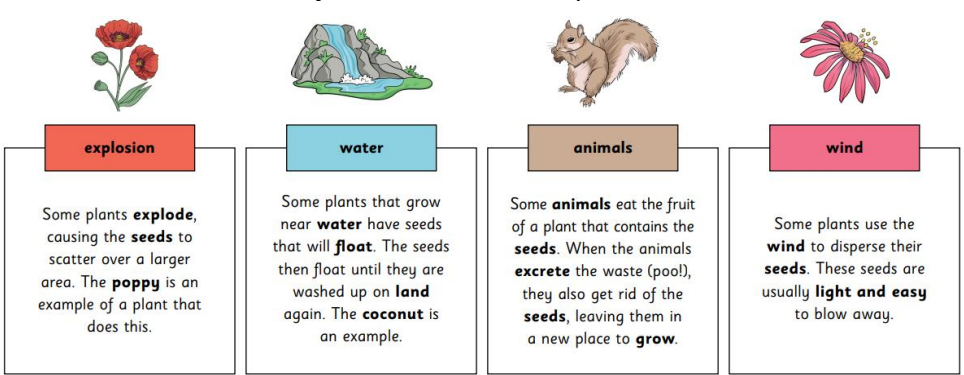


Vocabulary

Photosynthesis	The process where plants use sunlight to make food.
Pollen	A fine powder produced by the male part of a flower.
Pollination	When pollen is transferred to female parts of a flower.
Seed formation	How a seed is created.
Seed dispersal	When seeds have grown, the plant needs to spread them over a wide area so that they grow into new plants.
Nutrients	Substances that help plants to grow.
Absorb	To soak up or take in.
Transport	To take or carry from one place to another.

Seed dispersal.

There are **four main ways** that seeds are dispersed.



The flower.

The flower's **main job** is to create new **seeds** to grow new plants. There are lots of **different parts** of the flower.

