

Knowledge Organiser Science Year 3 Structure and Function of Plants

What plants need to grow

Light

Air

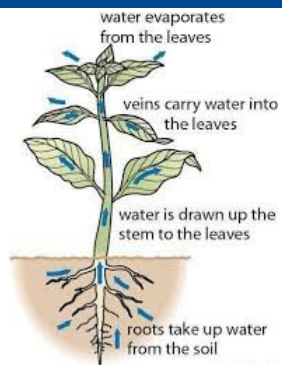


Space

Water

Nutrients from
the soil

Vascular plants



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Key Vocabulary

roots	Anchor a plant in place. 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	Seeds can be dispersed in different ways, for example, wind, animals or water.
germination	When a seed sprouts a root and shoot.

Pollination



Insects like bees and wasps transfer the pollen from the male part of a flower to the female part of other flowers

Methods of seed dispersal

