

Year 3 Science Knowledge Organiser - Plants

Key Information

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.

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

The flowers job is to create seeds.

Seeds can be dispersed by wind, water, exploding and by animals.

Plants need air, light, water, nutrients from soil, and room to grow.

Bees face many threats like habitat loss, climate change and diseases.

Vocabulary

photosynthesis

When the leaves use sunlight, water and carbon dioxide to make the plants food

seed dispersal

seeds are transported to new sites

pollination

is when pollen is transferred from the male part of a plant to a female part of a plant.

fertilisation

When pollen makes a seed.

pollinator

an insect that transfers pollen from one plant to another.

pollen

fine powder found on flowering plants.

nectar

a sugary liquid found in flowers.

germination

is when a seed starts to grow into a plant

