

Year Three Science - Summer 1 - Plants

Key Vocabulary

Pollination	When a flower is fertilised, usually by insects, birds or wind.
Pollinator	An animal that causes pollination in a flower.
Fertilisation	When the pollen reaches the ovules and makes seeds.
Absorbing	To take in water and light
Anchor	To hold something in place
Nutrients	A substance animals and plants need to grow
Germinate	To begin to grow and sprout shoots
Transportation	To move or travel from one place to another
Dispersion	To move a plants seed
Scatter	To cover a surface with little or no arrangement
Bristles	A stiff hair or feather on an animal or plant
Barbs	A plant hair or bristle ending in a hook
Seedpods	A part of a plant that holds seeds inside

Seed Dispersion

1 - Animals (externally)



Burdock

2 - Animals (internally)



Blackberries

Strawberries

3 - Water



Lily



Coconut



Foxglove

4 - Wind (Flying / gliding)



Ash



Sycamore

5 - Wind



Dandelion



Bulrush

6 - Explosion



Peapods

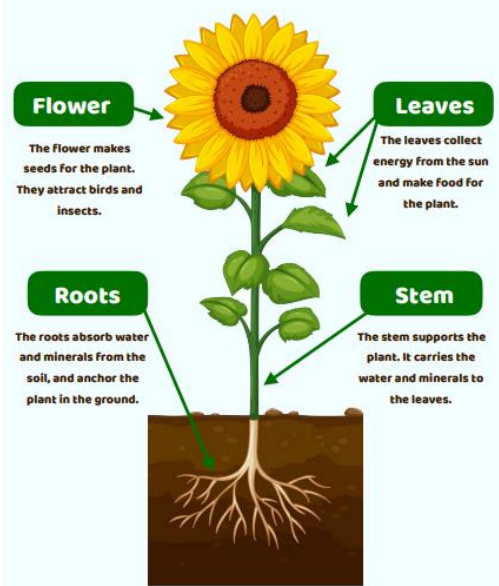


Campion



Gorse

Structure and function of a flower



How does water move through a plant?



- 1) Water is absorbed from the soil by the roots, carrying nutrients with it.
  - 2) The stem carries water up from the roots to the rest of the plant, including the leaves.
  - 3) Water evaporates from the leaves.
- As the water evaporates from the leaves, more water is drawn up the stem from the soil.

What do plants need?

Water

Sunlight

Nutrients

Air

Space