

## Year Three Science - 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

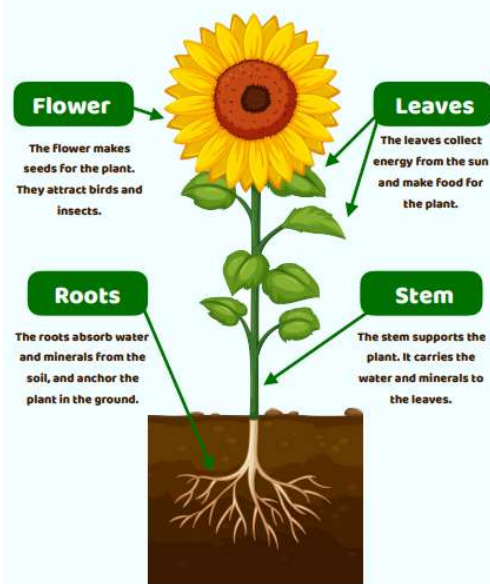


Campion

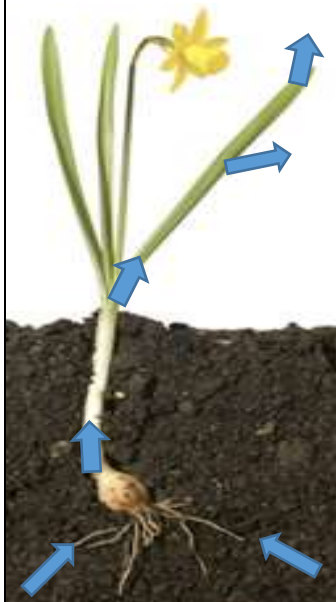


Gorse

### 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?



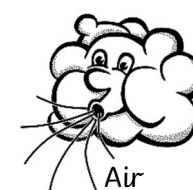
Water



Sunlight



Nutrients



Air

Space

