



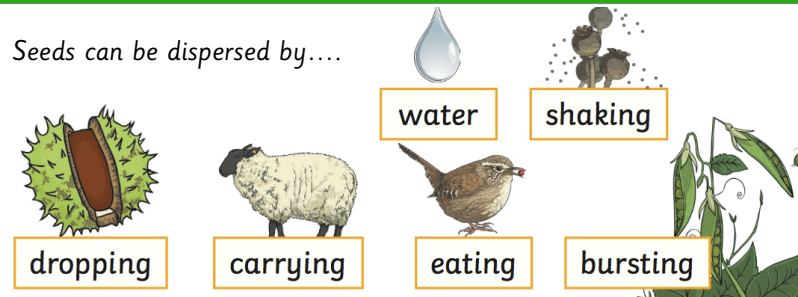
# Year 3 - Structure and Function of Plants

## Biology

### Key vocabulary

roots	These anchor a plant in place and are the part of the plant that we cannot see. 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	A method of moving the seeds away from the parent plant so that the seeds have the best chance of survival.
germination	When a seed sprouts a root and shoot and begins to grow.
fertilisation	When the male and female parts of the flower have mixed in order to make seeds for new plants.

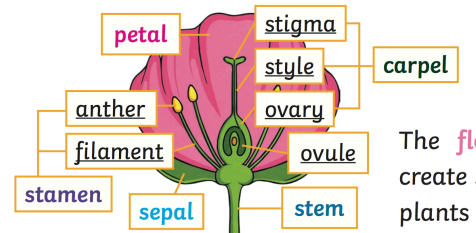
### Methods of seed dispersal



### How water moves around a plant...

- 1 The roots absorb water from the soil.
- 2 The stem transports water to the leaves.
- 3 Water evaporates from the leaves.
- 4 This evaporation causes more water to be sucked up the stem.

### Parts of a flower...



### What plants need to grow...



Water

Air

Space

Light

Nutrients

### Life Cycle of a Flowering Plant

