

# Year 3 Parakeets



## Science

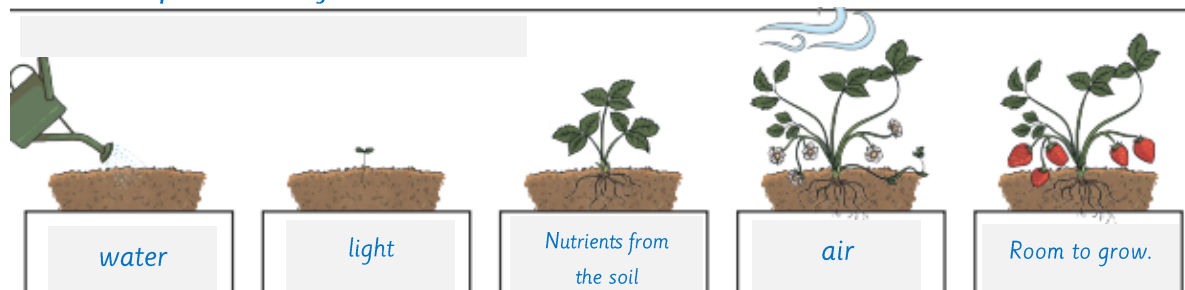
### Spring 2



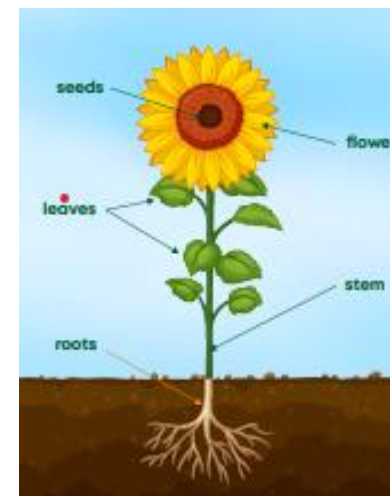
# Plants

Key Vocabulary	Definition
<b>Absorb</b>	A scientific process where liquid moves from one place to another.
<b>Botanist</b>	A scientist that studies plants.
<b>Disperse</b>	To spread out.
<b>Evaporation</b>	When a liquid turns into a gas.
<b>Features</b>	Parts of something, e.g. the features of a plant would be, the roots, leaves, stem and flowers.
<b>Fertilisation</b>	When the male and female parts of the flower have mixed in order to make seeds for new plants.
<b>Function</b>	The job of a feature, e.g. the roots of a plant help it to absorb water.
<b>Germination</b>	When a seed starts to grow.
<b>Gravity</b>	The force that keeps us on the ground
<b>Nutrients</b>	These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.
<b>Pollination</b>	When pollen (a fine powdery substance produced by a flowering plant) is moved from the male anther of a flower to the female stigma.
<b>Seed dispersal</b>	A method of moving the seeds away from the parent plant so that the seeds have the best chance of survival.
<b>Slavery</b>	When people owned other people.
<b>Thrive</b>	Grow or develop well.
<b>Wilt</b>	Not thriving; to become limp through heat, loss of water, or disease; droop.

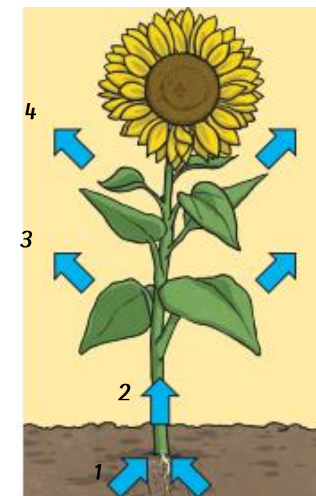
### What does a plant need to grow?



### Features of a plant

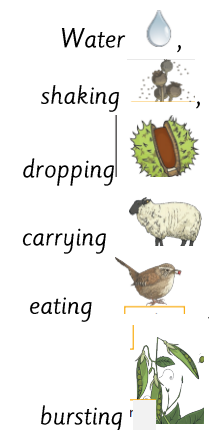


### How water is absorbed by a plant



### Seed dispersal

Seeds can be dispersed by:



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.

Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.



### George Washington Carver

A botanist known for his work on replenishing soil by planting peanuts and sweet potatoes.

