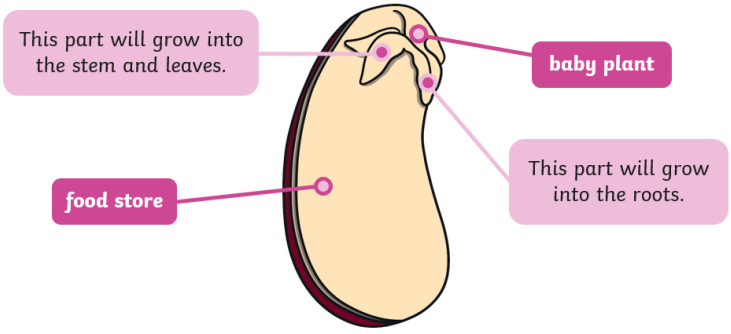
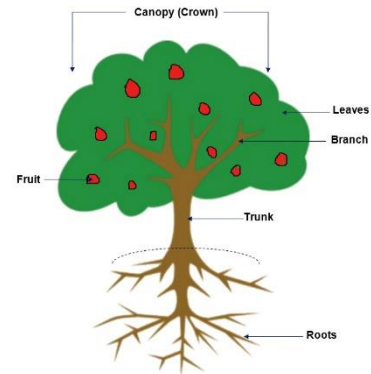
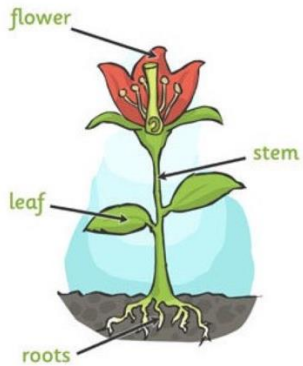
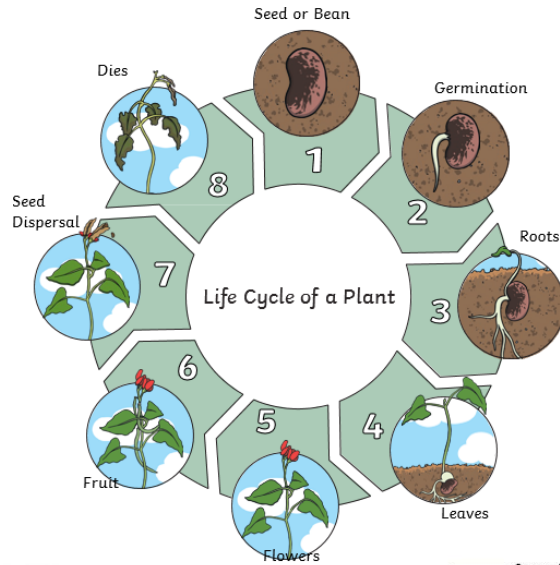




# Year 2 Science - Plants



**What do plants need to survive?**

Plants need things such as water, warmth, nutrients from soil and light to grow. If they do not have one or more of these things, they may stop growing.

Plants can: move, grow, react to their surroundings (sense), absorb nutrients and reproduce. Therefore, they are living.

**David Douglas**

David Douglas was a Scottish botanist, best known as the namesake of the Douglas fir. He worked as a gardener, and explored the Scottish Highlands, North America, and Hawaii, where he died.



Key Vocabulary	
<b>branches</b>	parts that grow out from the tree trunk and have leaves, flowers, or fruit growing on them
<b>bulb</b>	a root shaped like an onion that grows into a flower or plant
<b>crop</b>	plants such as wheat and potatoes that are grown in large quantities for food
<b>flower</b>	the part of a plant which is often brightly coloured and grows at the end of a stem
<b>leaf / leaves</b>	the parts of a tree or plant that are flat, thin, and usually green
<b>nutrients</b>	substances that help plants and animals to grow
<b>Reproduce</b>	when an animal or plant produces one or more individuals similar to itself
<b>Roots</b>	the parts of a plant that grow under the ground
<b>seed</b>	the small, hard part from which a new plant grows
<b>stem</b>	the thin, upright part of a plant on which the flowers and leaves grow
<b>trunk</b>	the large main stem from which the branches grow
<b>germination</b>	When the conditions are right, the seed soaks up <b>water</b> and swells, and the tiny new plant bursts out of its shell. This is called <b>germination</b> .
<b>shoot</b>	A <b>shoot</b> grows upwards from the seed or plant to find <b>sunlight</b> .
<b>seed dispersal</b>	<b>Seed dispersal</b> is when the seeds move away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.