

# Year 2 Science: Plants

## What I should already know:

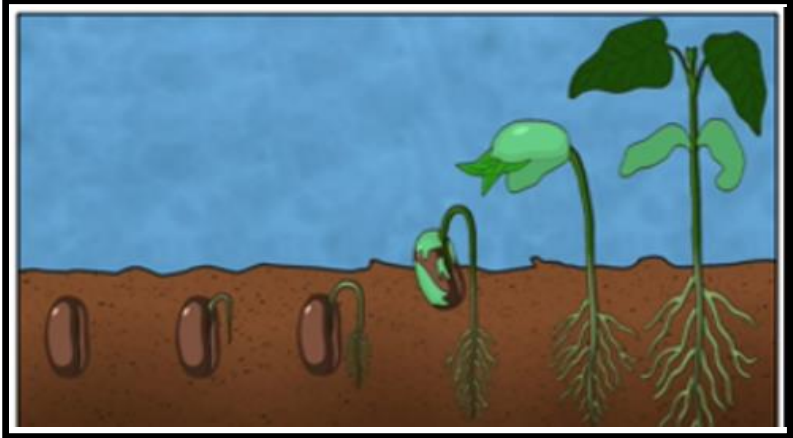
A variety of common wild and garden plants, including deciduous and evergreen trees.

The basic structure of a variety of common flowering plants, including trees.

## At the end of this topic, I will know:

Observe and describe how seeds and bulbs grow into mature plants.

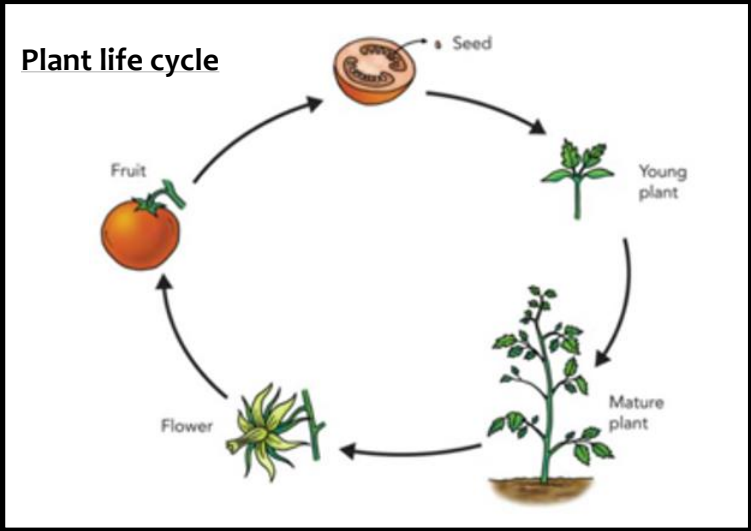
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.



## Key Facts:

### What do plants need to grow well?

<p><b>Sunlight.</b> All plants need light from the sun to grow well. Some plants need lots of sunlight and some plants only need a little.</p>	<p><b>Temperature.</b> This is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer.</p>
<p><b>Water.</b> All plants need water to grow. Without water, seeds and bulbs will not germinate.</p>	<p><b>Nutrition.</b> This is food or nourishment. Plants make their own food in their leaves using sunlight</p>



Vocabulary	
<b>Seeds and bulbs.</b>	Most plants begin life as a seed or a bulb. They need soil, air and water to grow. Inside a seed/bulb is a baby plant (an embryo).
<b>Seed coat.</b>	A tough layer on the outside of a seed to protect the plant.
<b>Food store.</b>	Seeds and bulbs do not need sunlight in order to grow, they already have their own food store inside them.
<b>Germination.</b>	The process when a seed or bulb starts to grow. A plant is germinating when its seed starts to sprout. Roots form under the soil and the stem and leaves emerge above the soil.
<b>Seedling.</b>	Plants grow into young plants. They now need light, temperature, water, space and time to keep growing.
<b>Flowering/fruit.</b>	Some plants grow flowers or fruit. These produce seeds. When the plant dies or is pollinated, the seeds find their way to the soil.
<b>Life cycle.</b>	The process where a seed is buried, germinates, grows to an adult plant and spreads its own seeds.

