

Year 2 Term 4 Science: Plants



Curriculum Key Question: Where are we going?

Topic: How does your garden grow?

What should I already know?

- Be able to identify and name a variety of common wild and garden plants, including deciduous and evergreen tree
- Be able to identify and describe the basic structure of a variety of common flowering plants, including trees.

Scientific Skills I will develop:

- To use observations to make suggestions and/or ask questions.
- To observe and describe simple processes/cycles/ changes with several steps
- To carry out simple comparative tests as part of a group, following a method with some independence.
- To make a simple prediction about what might happen and try to give a vague reason (even though it might not be correct).
- To record and communicate my findings.


Plants are living things. They move, take in and give out gases, are sensitive, grow, reproduce, get rid of waste and consume nutrients. These are all types of plants.




What do plants need?

Plants need things in order to grow and be healthy.


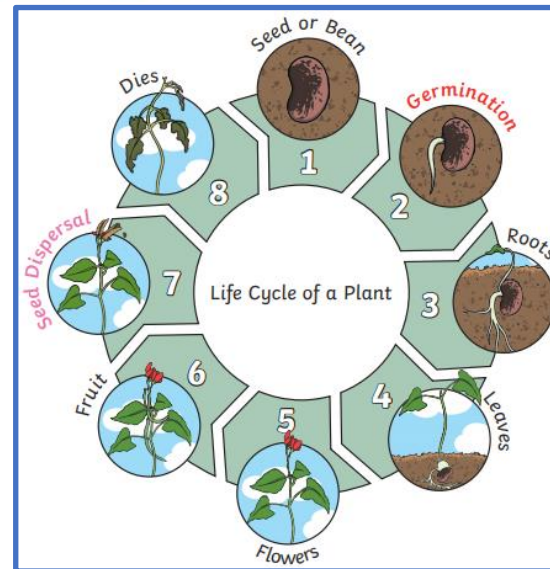
They need water.






They need sunlight.



They need to be kept at a suitable temperature.

<p>Seeds</p>	 	<p>We use seeds to grow new plants. New seeds grow as part of the plant. Seeds can be found inside some fruits.</p>
<p>Bulbs</p>		<p>A bulb is the name given to the underground bud or stem of a seed plant at resting stage. Bulbs normally have a sort stem with fleshy leaves that act as a form of food storage,</p>

Key Vocabulary:

Germination – when the conditions are right, the seed soaks up water and swells and the tiny new plant bursts out of its shell. This is called germination.

Sprout – When a plant sprouts, it grows new shoots.

Shoot – A shoot grows upwards from the seed or plant to find sunlight.

Seed dispersal – When the seeds move away from the parent plant. They can be moved by the wind or animals.

What do plants need to grow well?

Sunlight – All plants need light from the sun to grow well. Some plants need lots of sunlight and some plants need only a little sunlight.

Water – All plants need water to grow. Without water, seeds and bulbs will not germinate.

Temperature – how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures

Nutrition – Food or nourishment. Plants make their own food in their leaves using sunlight.

