

# Science Unit title Year 2 Spring 2 and Summer 1

## Plants

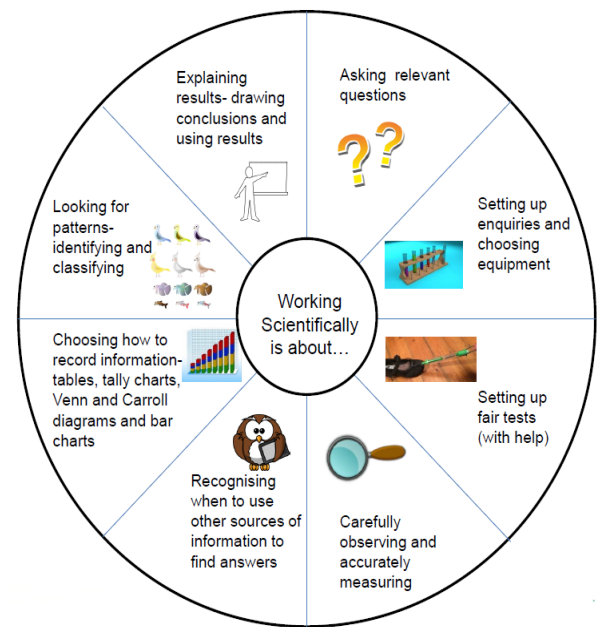
How do seeds and bulbs grow into mature plants?  
 What do plants need to grow and stay healthy?

### Prior learning

Identify a variety of common wild and garden plants.  
 Know the basic structure of flowering plants, including trees.

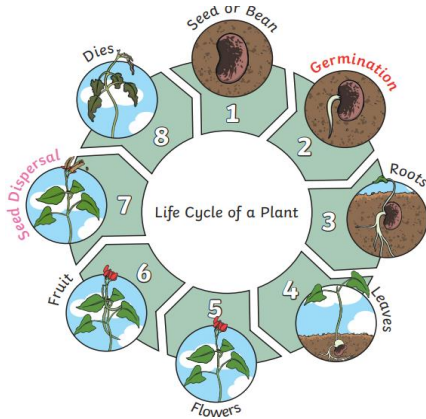
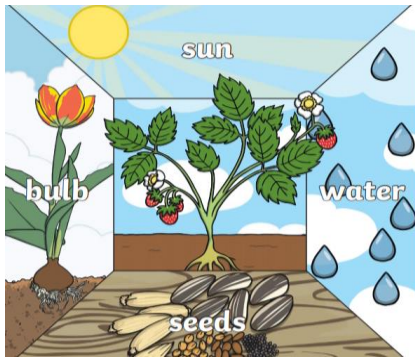
### Future Learning

The functions of different parts of flowering plants.  
 The requirements of plants for life and growth  
 The part that flowers play in the life cycle of flowering plants.



### Images / diagrams

Parts of a plant and what they need to grow.



### Key vocabulary

<b>germination</b>	When the conditions are right the seeds soaks up <b>water</b> and swells, and the tiny new plant bursts out of its shell. This is called <b>germination</b> .
<b>sprout</b>	When a plant <b>sprouts</b> , it grows new shoots.
<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 be moved by the wind or animals.
<b>sunlight</b>	All plant need light from the sun to grow well. Some plants need lots of <b>sunlight</b> . Some plants only need a little <b>sunlight</b> .
<b>water</b>	All plants need <b>water</b> to grow. Without <b>water</b> , seeds and bulbs will not <b>germinate</b> .
<b>temperature</b>	<b>Temperature</b> is how warm or cold something or somewhere is. Some plants like cooler <b>temperatures</b> and some like warmer <b>temperature</b> .
<b>Nutrition (food)</b>	Plants make their own food in their leaves using <b>sunlight</b> .

### Key questions

- What are the parts of a plant?
- What do plants need to grow?
- Do seeds and bulbs take the same length of time to grow?
- Do all seeds grow at the same rate and to the same height?
- What is the life cycle of a plant?
- What plants can be eaten?