



# Year 2 Science

## Plants

### Things you should already know;

The names of common wild and garden plants including deciduous and evergreen trees.

How to identify and describe the structure of common flowering plants including trees.

That plants usually grow from seeds and bulbs.

Plants need water, light and warmth to grow and survive.

Seeds produce roots to get water to the plants and use their leaves to collect the sunlight.

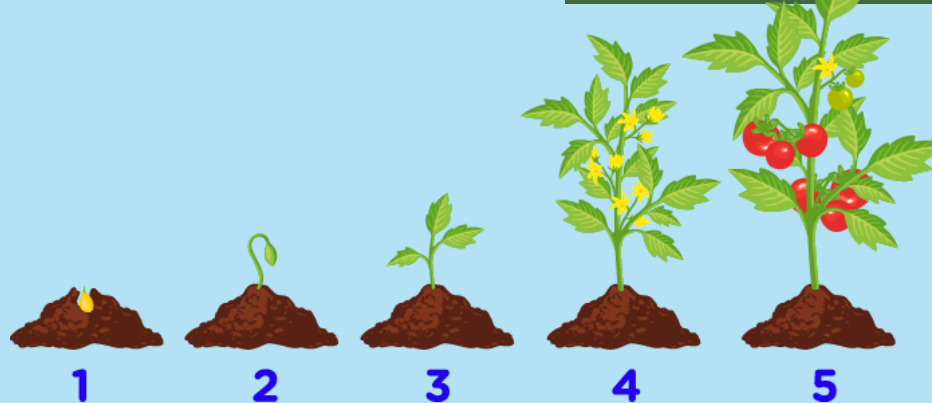
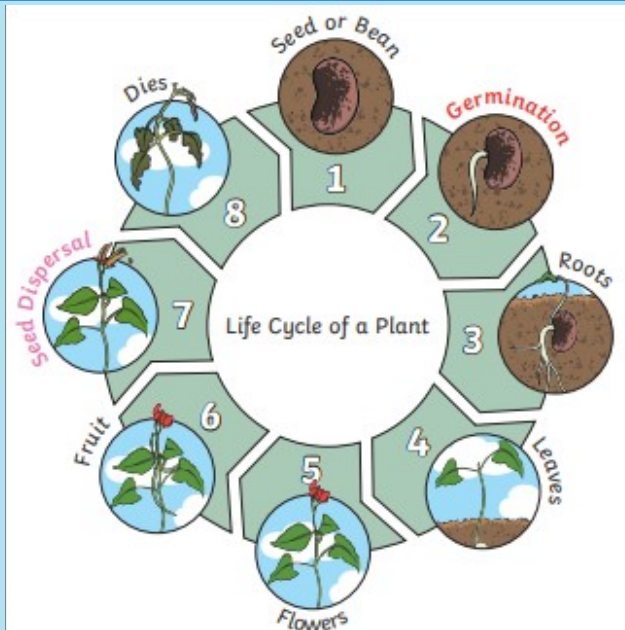
### Key Knowledge

Flowering plants make seeds to reproduce and make more plants. Some plants die after producing seeds and others live for many generations.

### New Learning for Year 2

To observe and describe how seeds and bulbs grow into mature plants

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





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### Key Vocabulary

Light	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a
Water	All plants need water to grow. Without water, seeds and bulbs will not germinate.
Warm/Cool	Temperature is how warm/cool something /somewhere is. Some plants like cooler temperatures and some like warmer temperatures.
Food	Food - plants make their own food in their leaves using sunlight.
Germination	When the conditions are right, the seed soaks up water and swells and the tiny new plant bursts out of its shell.
Seed dispersal	This is when the seed moves away from the parent plant. They can drop to the ground, or be moved by the wind

Play the game 'Get Growing'.



Match the plant to its correct life cycle stage.



bulb

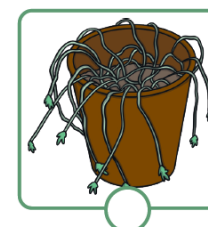
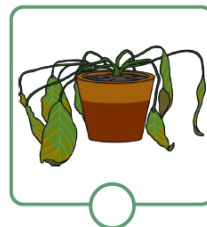
stem and leaves grow

flowering

### Sticky Learning.

Can you answer any of these questions in your book?

Which of these plants is healthy? Tick **one**.



Scan this and read about why plants grow in spring.



Which of these seeds do you think **will** germinate (begin to grow)? Tick **one**.

