

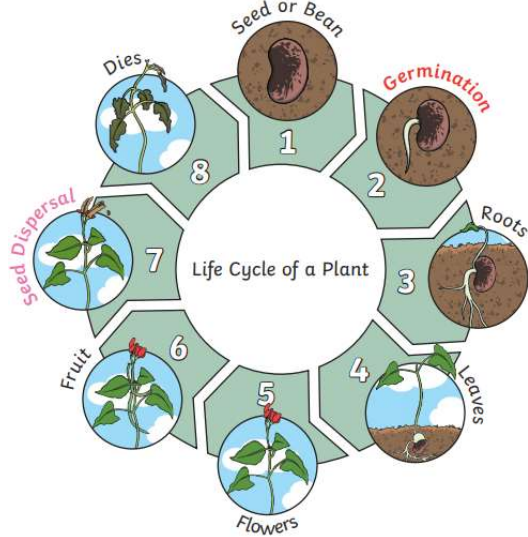
# Plants

## Key Vocabulary – New for Year 2

<b>Sunlight</b>	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a little sunlight.	<b>Germination</b>	When the conditions are right, the seed soaks up the water and swells, and the tiny new plant bursts out of its shell. This is called germination.
<b>Water</b>	All plants need water to grow. Without water, seeds and bulbs will not germinate.	<b>Sprout</b>	When a plant sprouts, it grows new shoots.
<b>Temperature</b>	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures.	<b>Shoot</b>	A shoot grows upwards from the seed or plant to find sunlight.
<b>Nutrition</b>	Food or nourishment. Plants make their own food in their leaves using sunlight.	<b>Seed Dispersal</b>	Seed dispersal is when the seeds move away from the parent plant. They can be moved by the wind or animals.

## Key Knowledge

### What is the life cycle of a plant?

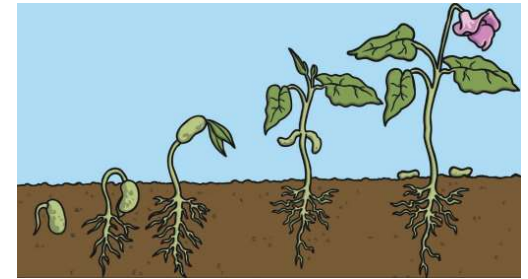


### What do plants need to grow?

Children to observe seeds and plants as they grow keeping a record of the different stages.

Children understand that:

- Plants need water to grow well.
- Every plant needs water to survive. All living things do!
- Plants need sunlight to grow well.
- Seeds and bulbs can germinate and sprout under the soil without sunlight, because seeds and bulbs contain a store of food that the plant uses to begin to grow. When this is used up, the plant needs more food so it can keep getting bigger.
- Plants use their leaves to absorb the sunlight and use the energy in the sunlight to make their own food.



### How do different plants grow?

Children understand that:

- Some plants like a lot of water, some only need a little

### What plants do we eat?

Fruit, vegetables (including: root vegetables, stem vegetables, flower vegetables) grains and cereals (including: nuts and seeds)

## Prior Learning

Children will know about the different parts of a plant e.g. stem, root etc.

## Next Steps

Children will learn about the different parts of a flower and learn about seed dispersal.