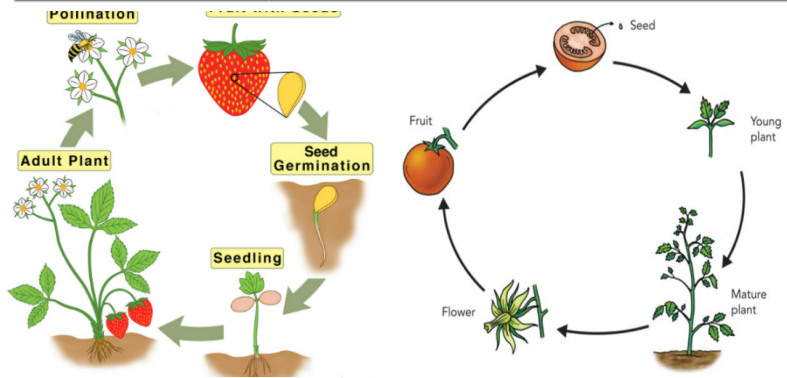
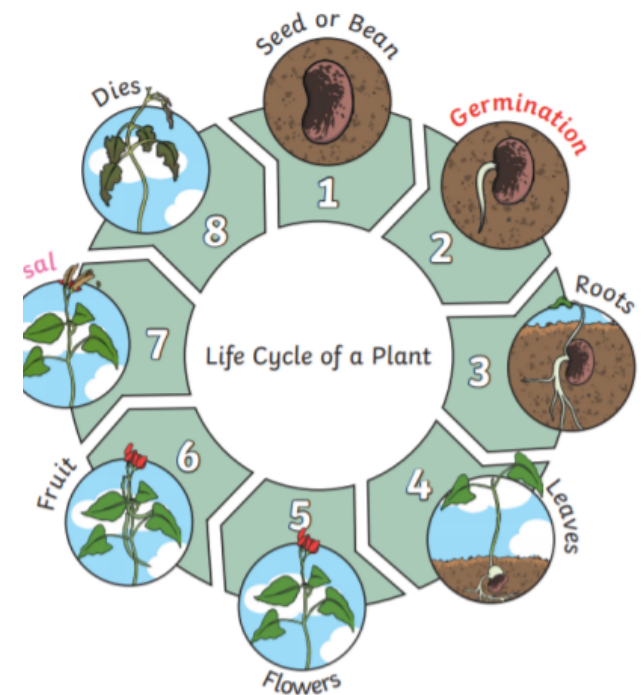
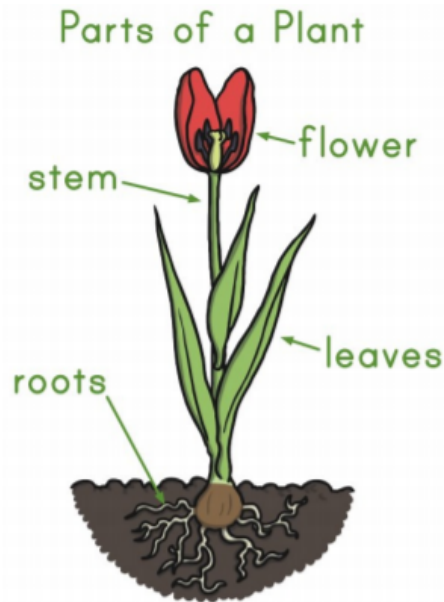


# Year 2 - Plants

Key Vocabulary	
<b>What do plants need to grow well?</b>	
<b>sunlight</b>	All plants 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>temperatures</b> .
<b>nutrition</b>	Food or nourishment. Plants make their own food in their leaves using <b>sunlight</b> .



*Key facts:*

**Flower:** The flower attracts insects to help them reproduce (make more plants).

**Stem:** The stem transports water around the plant.

**Leaves:** The leaves make food for the plant using sunlight.

**Roots:** Roots absorb water and keep the plant anchored to the ground (keeps it safe in the soil).

Plants have a clear life cycle that helps them to keep reproducing:

**Seeds/bulbs** – Plants begin life as seeds or bulbs. They need soil, air and water to grow.

**Seedling** – Plants grow into young plants. They now need light, temperature, water, space and time to keep growing.

**Flowering/Fruit** – Plants grow flowers and fruits. These produce seeds. When the plant dies or is pollinated, the seeds find their way to the soil. The process starts again!

**Germination** is the name for when a plant starts to grow. A plant is germinating when its seed begins to **sprout**.

Inside a seed/bulb is the baby plant (an **embryo**). Seeds have a tough layer on the outside to protect the plant (the **seed coat**).

Seeds and bulbs do not need sunlight in order to grow. They already have their own **food store** inside them! However, they do need the **right conditions** to grow. Normally, they need **water, air and the right temperature**. This can often be found in well-watered soil!