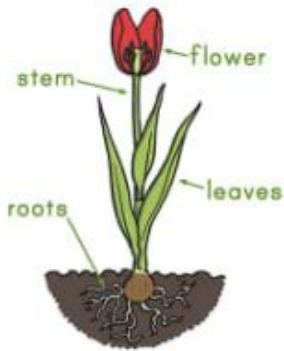




### What knowledge do I already have?

Plants grow from seeds  
Flowers have roots, a stem, petals and leaves  
Flowers come in different sizes and colours



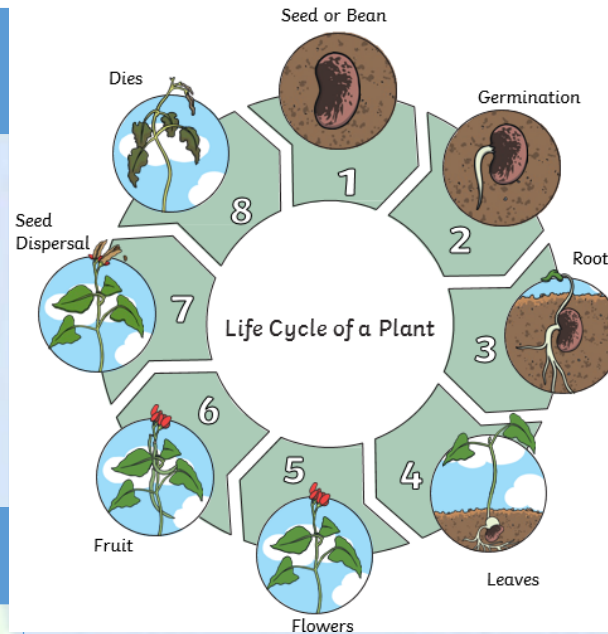
### What will I know by the end of the unit?

Plants need the right amount of water and light to be able to grow and be healthy.  
Plants need to grow at a suitable temperature.  
Plants make their own food from sunlight.  
The stages of a flower's growth are bulb/seed, seedling, plant, flowering plant, seed producing plant, decaying plant

I will be able to identify and name the different parts of a tree: roots, stem, leaves, fruit, seed

I will be able to identify and name the different parts of a flower: roots, stem, leaves, petals, seed

I will know the different jobs carried out by each part of a flower or tree



### Technical vocabulary

<b>germination</b>	When the conditions are right, the seed soaks up <b>water</b> and swells, and the tiny new plant bursts out of its shell. This is called <b>germination</b> .
<b>shoot</b>	A <b>shoot</b> grows upwards from the seed or plant to find <b>sunlight</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> .
<b>roots</b>	<b>Roots</b> take in water and nutrients from the soil.
<b>stem</b>	The <b>stem</b> holds the plant up and carries the water and nutrients from the <b>roots</b> to the <b>leaves</b> and <b>flowers</b> .
<b>leaves</b>	<b>Leaves</b> catch sunlight to make energy.
<b>flowers</b>	<b>Flowers</b> attract insects and birds.
<b>petals</b>	<b>Petals</b> are the colourful part of the <b>flower</b> .
<b>fruit</b>	<b>Fruit</b> contains the plant's <b>seeds</b> . Sometimes humans try to grow <b>fruit</b> without <b>seeds</b> because it's easier to eat.
<b>seed</b>	<b>Seeds</b> grow into new plants.

### Values

Challenge	What do plants need to grow and be healthy?
Commit	How can we care for our own cress seeds?
Conquer	If our seeds don't grow as well as we hoped, what can we do?
Celebrate	What shall we do with the plants we grow?