

# Plants

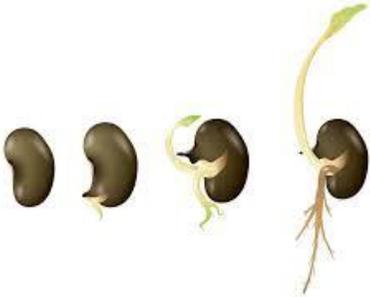
## Year 2



**Plants can grow from seeds or bulbs -**

<b>seeds</b>	<b>bulbs</b>
	

**Seeds and bulbs germinate and grow into seedlings**



**Seedlings then grow into mature plants**







Key vocabulary	
<b>seed</b>	Part of a flowering plant that grows into a new plant.
<b>bulb</b>	A root shaped like an onion that grows into a new plant.
<b>germinate</b>	When a seed begins to grow its shoots. Seeds need warmth and water to germinate.
<b>seedling</b>	A young plant that has grown from a seed.
<b>bud</b>	Growth on a plant that develops into a stem, leaf or shoot.
<b>flower</b>	The part of a plant which is often brightly coloured and grows at the end of a stem.
<b>fruit</b>	Fleshy part of a plant that contains seeds or a stone.
<b>berry</b>	Small, juicy fruit without a stone.
<b>root</b>	The part of the plant that grows under the ground.

Significant scientist	
<b>Ibn al-Bayṭār</b> (1197–1248 AD) 	<b>Ibn al-Bayṭār</b> was a famous Malagan pharmacist, botanist, physician and scientist in the 13 <sup>th</sup> Century, during the Islamic Golden Age.

<b>Some plants grow best in full sun.</b> 	<b>Some plants grow best in the shade.</b> 
<b>Some plants need lots of water.</b> 	<b>Some plants don't need much water.</b> 

**Sticky Knowledge: what does a plant need to grow and stay healthy?**

light

water



space

A suitable temperature

Some plants grow quickly and some grow more slowly.