

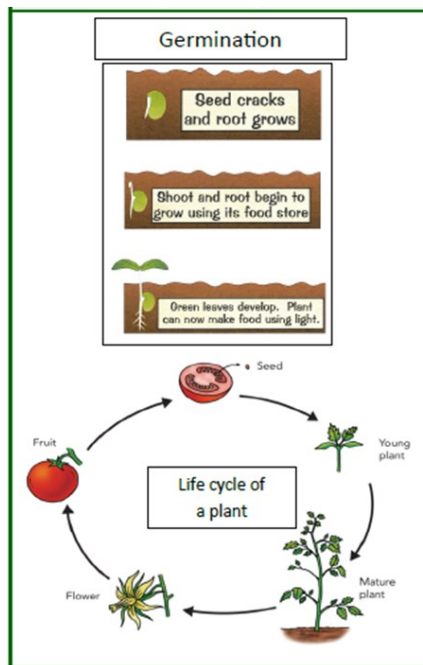
What? (Key Knowledge)

How seeds and bulbs grow

When seeds start to grow, this is called...	Germination
To germinate, seeds need...	- Warmth - Air (Oxygen) - Water
Seeds don't need light...	This is because they have a store of food inside them already
What next?	Once the stem breaks through the soil it is then a plant

How plants grow

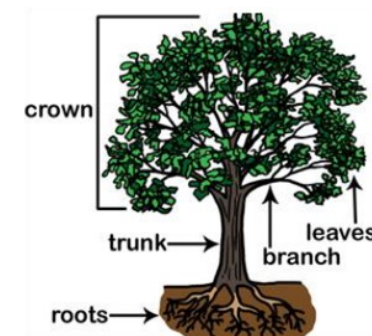
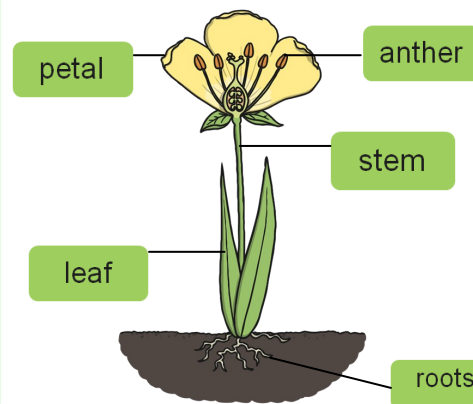
A plant	A living thing that usually grows from the ground
The main parts of a plant	- Flowers/Petals - Anther - Leaves - Stem - Roots
To grow and survive plants need...	- Light - Water - Carbon Dioxide This is so they can make their own food. - Warmth This is because if plants get too hot or too cold then they will die
What next? (The life cycle of a plant)	- A seed/bulb germinates - The seed/bulb grows into a young plant - The plant matures - The flower comes and then dies - A fruit with seeds is left behind - The seeds get scattered - The process begins again - This is called the life cycle of a plant



Plants

Examples of plants

Wild Plants	Garden Plants	Trees	Vegetables
Dandelion Ivy Cow Parsley Snowdrop Daisy	Sunflower Rose Lavender Tulip Grass	Chestnut Beech Oak Fir Yew	Lettuce Beetroot Runner Bean Carrot Leek



Key Vocabulary

roots	Hold the plant in the ground and absorb water and nutrients from the soil.
stem	Transports water and nutrients to different parts of the plants.
leaves	Use light, air and water to make food for different parts of the plants.
flower	The part of a plant that blossoms. Flowers produce the seeds that form new plants.
petals	Attract pollinators using their bright colours or unusual shapes.
anther	Contains pollen which brushes onto insects when they land on the flower.
trunk	The stem of a tree from which its branches grow.
seeds	The part of a plant from which a new plant grows.
survive	Continue to live or exist.
life cycle	A continued series of changes showing the life of something.
scattered	Move in various directions.