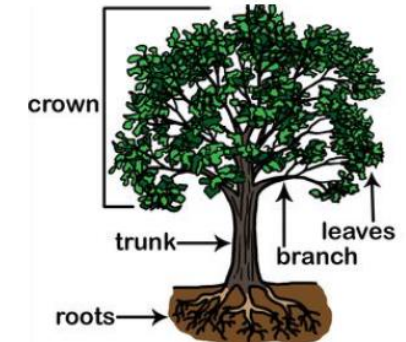
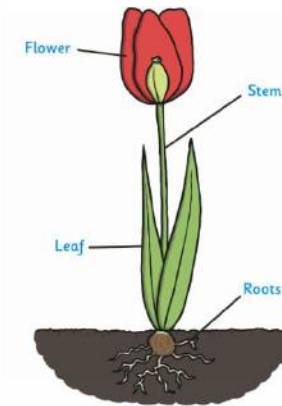
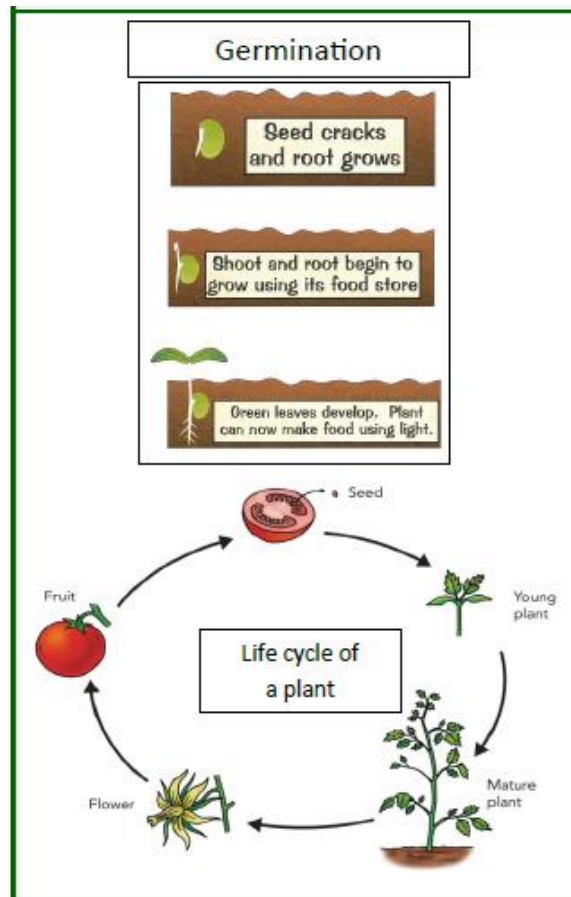


Plants

| What? (Key Knowledge) | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| How seeds and bulbs grow | |
| When seeds start to grow, this is called... | Germination. |
| To germinate, seeds need: | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Flowers • Leaves • Stem • Roots |
| To grow and survive, plants need: | <ul style="list-style-type: none"> • Light • Water • Carbon Dioxide <p>This is so that they can make their own food.</p> <ul style="list-style-type: none"> • Warmth <p>This is because if plants get too hot or too cold then they will die.</p> |
| What next? (The life cycle of a plant) | <ul style="list-style-type: none"> • The plant grows. • 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. |

| 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 the plant. |
| 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. |
| 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 | continue series of changes showing the life of something |
| scattered | move in various directions |

