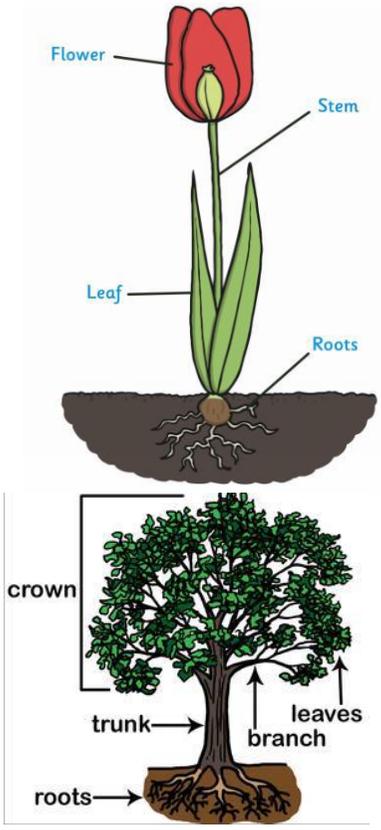


KO – Science - Plants

Plants are living things. Most have roots which they use to absorb water and nutrients, and leaves which they use to absorb sunlight. Plants come in many different shapes and sizes, and live in different habitats around the world. Plants are part of the food chain and many are eaten by animals.

Content		Vocabulary
<p>What things does a plant need to grow? In order for a seed to survive and grow into a strong plant it needs water, light, suitable temperature, air and time.</p> <div style="text-align: center;">  <p>The diagram shows two plants. The top one is a tulip with labels: Flower (red), Stem (green), Leaf (green), and Roots (brown). The bottom one is a tree with labels: crown (top foliage), trunk (main stem), leaves (small green parts), branch (side stem), and roots (underground). Arrows point from the text labels to the corresponding parts of the plants.</p> </div>	<p>The Life Cycle of a Plant</p> <p>The seed grows roots and shoots. The roots grow deeper to find more water. The shoots grow upwards to find light.</p> <p>The seed begins to absorb water. This is called germination</p> <p>A seed is planted into the ground, carried by an animal or blown by the wind</p> <p>The shoots grow a stem and leaves above the ground. Some plants grow flowers that turn into fruits and make their own seeds.</p> <p>Examples:-</p> <p>Wild Plants Dandelion Ivy Cow Parsley Snowdrop Daisy</p> <p>Garden Plants Sunflower Rose Lavender Tulip Grass</p> <p>Trees Chestnut Beech Oak Fir Yew</p> <p>Vegetables Lettuce Beetroot Runner Bean Carrot Leek</p>	<p>roots Hold the plant in the ground and absorb water and nutrients from the soil</p> <p>stem Transports water and nutrients to different parts of the plant.</p> <p>leaves Use light, air and water to make food for the plant</p> <p>flower The part of a plant that blossoms. Flowers produce the seeds that form new plants.</p> <p>petals Attract pollinators using their bright colours or unusual shapes</p> <p>trunk The stem of a tree, from which its branches grow.</p> <p>seeds The part of a plant from which a new plant grows.</p>