


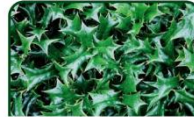




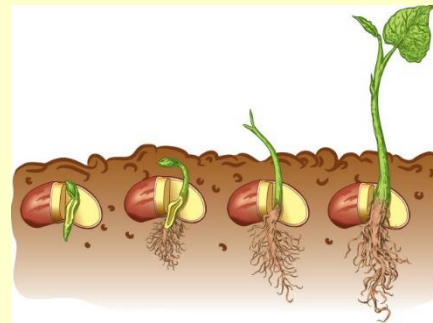


<p><b>KS1</b> <b>Knowledge Organiser</b> <b>Science</b> <b>Biology</b> <b>Plants</b></p> 	<p><b>To be secure in this unit you must:</b></p> <p><b>Knowledge</b></p> <ul style="list-style-type: none"> <li>•Know and explain how seeds and bulbs grow into plants.</li> <li>•Know what plants need in order to grow and stay healthy (water, light &amp; suitable temperature).</li> <li>•Identify and name plants and animals in a range of habitats.</li> <li>•recognise some seeds and associate them with trees, e.g., horse chestnut.</li> <li>know which animals are woodland creatures</li> </ul>	<p><b>Skills</b></p> <p>Ask simple questions and recognise they can be answered in different ways.</p> <p>Observe closely, using simple equipment.</p> <p>Perform simple tests.</p> <p>Identify and classify.</p> <p>Use observations and ideas to suggest answers to questions.</p> <p>Gather and record data to help in answering questions.</p>
--	--	--

Vocabulary		Sticky Knowledge	
seed	A seed contains a miniature plant, called an embryo, that can develop into a fully grown plant.	<div><h3>Evergreen Trees:</h3><p>Evergreen trees have green leaves all year round. Their leaves do not fall off or change colour in the autumn. Evergreen trees instead lose leaves gradually and not all at once.</p><p>Some examples of evergreen trees are:</p><div><div><p>Eucalyptus</p></div><div><p>Yew</p></div><div><p>Holly</p></div></div></div>	
bulb	A bulb is the name given to the underground bud or stem of a seed plant at resting stage.		
grow	Growth is an increase in size. Growth takes place when cells within a living thing increase in size and number.		
plant	Hundreds of thousands of different species, or kinds, of plant grow on Earth. Some plants are so tiny that people can hardly see them. Others are <u>trees</u> that grow as tall as skyscrapers.		
shoot	The shoot system refers to the parts of the plant growing above ground.		
buds	A small lump on a stem or twig that will grow into a leaf, flower or shoot.		
light	Light is a form of energy. The Sun is a very important source of light energy. Without the energy from the Sun, there would be no plants or animals on Earth.		
temperature	Temperature is the measure of the warmth or coldness of an object or material.		
wild	These are plants that don't grow in our gardens and are self-seeded.		
environment	The area where a plant or tree lives is its environment.		
trunk	A tree's trunk holds up its crown, protects its inner parts and works like a pipeline, transporting essential materials to the different parts of the tree.		
petals	A petal is a part of the flower and is usually coloured. The colour attracts insects.		
branches	Branches come from the tree trunk and grow outwards.		

<h3>Deciduous Trees:</h3> <p>Deciduous trees lose their leaves every year.</p> <p>The leaves on deciduous trees change colour and fall off every autumn.</p> <p>They usually have no leaves on their branches in the winter.</p> <p>Some examples of deciduous trees are:</p> <div><div><p>Willow</p></div><div><p>Ash</p></div><div><p>Horse Chestnut</p></div></div>		
---	--	--



### Deciduous Trees:

Deciduous trees lose their leaves every year.

The leaves on deciduous trees change colour and fall off every autumn.

They usually have no leaves on their branches in the winter.

Some examples of deciduous trees are:



