

What I know	My investigations
<p>Plants can grow.</p> <p>The names of some common garden plants (e.g. poppy, rose) and the names of some common wild plants (e.g. daisy, dandelion, nettle).</p> <p>Deciduous trees lose their leaves in the autumn every year.</p> <p>Evergreen trees have green leaves all year round.</p> <p>The parts of a plant including petals, fruits, roots, bulbs, seeds, stem, trunks and branches.</p>	<p>Sort through pictures to show which things are living, which are dead and things which have never been alive.</p> <p>Go on a plant/tree hunt.</p> <p>Plant a bulb or a seed and watch it grow. Record your observations in a diary. Compare the growth of that plant with a plant (using the same bulb or seed) where one of the conditions is different (no water, no light, a smaller container).</p> <p>Plant a seed on a wet cotton bud.</p> <p>Dissect a variety of fruits and locate where their seeds are.</p> <p>Eat a variety of vegetables and identify which part of the plant they come from (note: do not taste nuts in school as they are allergens).</p> <p>Create a bar chart to show how tall your plants are to the nearest cm.</p>

What I will know	
<p>Key Knowledge:</p> <p>Plants require things such as water, warmth, nutrients from soil and light to grow. If they do not have one or more of these things, they may stop growing.</p> <p>Plants can: • move • grow • react to their surroundings (sense) • absorb nutrients • reproduce</p> <div data-bbox="103 1254 678 1624"> </div> <p>Many plants provide us with food by bearing fruits which carry their seeds. When farmers grow plants to provide us with food, these are called crops. We eat many fruits that contain seeds (including tomatoes!). We also eat different parts of vegetable plants:</p> <ul style="list-style-type: none"> • root vegetables (carrots, potatoes) • stem vegetables (celery, spring onion) • leafy vegetables (cabbage, lettuce) • flowering vegetables (cauliflower, broccoli) 	<p>Key Vocabulary</p> <p>bulb - a root shaped like an onion that grows into a flower or plant</p> <p>crop - plants such as wheat and potatoes that are grown in large quantities for food</p> <p>deciduous - a tree that loses its leaves in the autumn every year</p> <p>evergreen - a tree or bush which has green leaves all the year round</p> <p>nutrients - substances that help plants and animals to grow</p> <p>reproduce - when an animal or plant produces one or more individuals similar to itself</p> <p>roots - the parts of a plant that grow under the ground</p> <p>seed - the small, hard part from which a new plant grows</p> <p>stem - the thin, upright part of a plant on which the flowers and leaves grow</p> <p>vegetation - plants, trees and flowers</p> <p>weed - a wild plant that grows in garden and prevents the plants that you want from growing properly</p> <p>wild - animals or plants that live or grow in natural surroundings and are not looked after by people</p>



<p>We eat grains and cereals from plants too (wheat, oats). Nuts and seeds are also sometimes edible (sesame seeds, pumpkin seeds, peanuts). Many herbs are also grown to add flavour to foods.</p>	
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