

Plants

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Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<p>Observe and describe how seeds and bulbs grow into mature plants</p> <p>Vocabulary- seed, flower, petal, shoot, stem, leaves, roots, germinate, Lifecycle.</p>		<p>Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</p> <p>Vocabulary- Parts of a flower – petal, stamen (anther + filament), carpel (stigma + style + ovary + ovule) Processes – pollination, fertilisation, germination</p>	<p>Describe the life process of reproduction in some plants (Inc. Animals, Including Humans)</p> <p>Vocabulary- Parts of a flower – petal, stamen (anther + filament), carpel (stigma + style + ovary + ovule) Processes – pollination, fertilisation, germination, dispersal Sexual, asexual</p>	
<p>Identify and describe the basic structure of a variety of common plants including roots, stem/trunk, leaves and flowers.</p> <p>Vocabulary- Branch, leaf, leaves, root, trunk, fruit, vegetables, flower, bud.</p>		<p>Identify and describe the functions of different parts of plants; roots, stem, leaves and flowers.</p> <p>Vocabulary- Parts of plants – roots, branch, trunk, stalk, leaf, flower, petal, seeds, bulbs and twigs Parts of a flower – petal, stamen (anther + filament), carpel (stigma + style + ovary + ovule) Processes – pollination, fertilisation, germination, dispersal</p>			
	<p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> <p>Vocabulary- light, water, air, space, healthy, nutrients.</p>	<p>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant.</p> <p>Investigate the ways in which water is transported within plants.</p> <p>Vocabulary- Trees - deciduous, evergreen, ash, birch, beech, rowan, common lime, oak, sweet chestnut, horse chestnut, apple, willow, sycamore, fir, pine, holly, etc Wild flowering plants - cleavers, coltsfoot, daisy, dandelion, garlic mustard, mallow, mugwort, plantain, red clover, self heal, shepherd's purse, sorrel, spear thistle, white campion, white deadnettle and yarrow. Garden plants – crocus, daffodil, bluebells, etc</p>			
<p>Identify and name a variety of common plants, including garden plants, wild plants and trees, and those classified as deciduous and evergreen</p>					

Vocabulary- bulb, seed, evergreen, deciduous, plant, wild plant, garden plant, petals, blossom					