



PLANTS (BIOLOGY)

National Curriculum Statements in red are from other linked topics.

Progression in Scientific knowledge, concepts & skills	EYFS (Early Learning Goals)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	KS3
<p>Concepts</p> <p>Structure</p> <p>Function</p> <p>Variation</p> <p>Growth</p>	<p>Children know about similarities and difference in relation to places, objects, materials and living things.</p> <p>Children talk about features of their own immediate environment and how environments might vary from one another.</p> <p>Children make observations of animals and plants and explain why</p>	<p>Identify and name a variety of common, wild and green plants, including deciduous and evergreen trees.</p> <p>Identify and describe the basic structure of a variety of common flowering plants, including trees.</p>	<p>Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> <p>Identify and name a variety of plants and animals in their habitats, including microhabitats (Y2- Living</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>Identify and describe the functions of different parts of flowering plants: roots, stem/ trunk, leaves and flowers.</p> <p>Investigate the way in which water is transported</p>	<p>Recognise that living things can be grouped in a variety of ways. (Y4 - Living things and their habitats)</p> <p>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment. (Y4 - Living things and their habitats)</p> <p>Recognise that environments can change and</p>	<p>Describe the life process of reproduction in some plants and animals. (Y5 - Living things and their habitats)</p>	<p>Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. (Y6 - Living things and their habitats)</p> <p>Give reasons for classifying plants and animals based on specific characteristics. (Y6 - Living things and their habitats)</p>	<p>Reproduction in plants, including flower structure, wind and insect pollination, fertilisation, seed and fruit formation and dispersal, including quantitative investigation of some dispersal mechanisms.</p>



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	<p>some things occur and talk about changes.</p>		<p>things and their habitats)</p>	<p>within plants. Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p>	<p>that this can sometimes pose dangers to living things. (Y4 - Living things and their habitats)</p>			
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