



Science Whole School Overview

	Biology	Physics	Chemistry
Foundation Year One			
Year One	<p>Animals, including humans (naming animals and body parts)</p> <p>Plants (names & structure)</p>	<p>Seasonal changes (changes and weather)</p>	<p>Everyday materials (names and properties of simple materials)</p>
Year Two	<p>Living things and their habitats (suitable habitats/simple food chains)</p> <p>Plants (growing conditions for seeds and bulbs)</p> <p>Animals, including humans (health and growth)</p>		<p>Uses of everyday materials (Suitability and changing shapes of materials)</p>
Year Three	<p>Plants (functions of parts and life cycles)</p> <p>Animals, including humans (skeletons)</p>	<p>Light (dark is the absence of light, size of shadows)</p> <p>Forces and magnets (friction - how things move on different surfaces, magnets)</p>	<p>Rocks (simple properties, fossils, soils)</p>
Year Four	<p>Living things and their habitats (grouping and simple classifying/changes to habitats can pose dangers)</p> <p>Animals, including humans (teeth, eating and digestion)</p>	<p>Sound (fainter sounds further away, vibrations, pitch and volume)</p> <p>Electricity (simple circuit, switches, conductors and insulators)</p>	<p>States of matter (solids, liquids, gases, heating & cooling, water cycle)</p>
Year Five	<p>Living things and their habitats (life cycles, reproduction)</p> <p>Animals, including humans (changes in humans as they grow)</p>	<p>Forces (gravity, friction, air resistance, levers, pulleys and gears)</p> <p>Earth and Space (other planets)</p>	<p>Properties and changes of materials (more properties including thermal and electrical conductivity, mixing and separating reversible and irreversible)</p>
Year Six	<p>Animals, including humans (circulatory system, functions of heart, blood vessels and blood, health, water transport in animals)</p> <p>Living things and their habitats (classifying including microorganisms)</p>	<p>Light (travels in straight lines, how we see things)</p> <p>Electricity (what affects bulb brightness, buzzer volume, voltage, symbols)</p>	



	Evolution and inheritance (more about fossils, adaptation)		
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