

<b>All</b>	<i>Thinking and Working like Scientists including investigations are planned throughout the year, as appropriate to the topic/focus. British Science Week (STEM linked) whole-school event for the week in March 2025.</i>					
<b>EYFS</b>	<b>Working scientifically</b>		<b>Working scientifically</b> <b>Animals</b> <b>Forces</b>		<b>Working scientifically</b> <b>Plants</b> <b>Animals</b> <b>Materials</b>	
	<i>Refer to the EYFS Science Skills &amp; Knowledge Document</i>					
<b>Year 1</b>	<b>Every day materials</b>	<b>Every day materials cont.</b>	<b>Animals including Humans</b> <b>Seasonal changes</b>	<b>Animals Including Humans</b> <b>Cont.</b>	<b>Plants</b>	<b>“Investigating like Scientists”</b>
	<b>Seasonal changes – Autumn /Winter</b>		<b>Seasonal Changes – Spring</b>		<b>Seasonal Changes - Summer</b>	
<b>Year 2</b>	<b>Animals needs for survival</b>  Habitats: desert	<b>Living Things and their habitats (Oceans)</b>  Sustainability: plastic (Art link)  Rachel Carson – ocean habitats	<b>Plants light and dark</b>  Materials	<b>Animals, including Humans (Humans and health unit – PSHE link/make soap. Nurse Visit).</b>  <b>Thinking like Scientists:</b> British Science Week  Plants light and dark	<b>Plants (bulbs and seeds).</b>  English link writing instructions  Growing Pond visit	<b>Living Things and their habitats (Microhabitats)</b>  Geography link local area and map out habitats.  Sustainability: Wildlife
<b>Year 3</b>	<b>Rocks:</b> fossils and soil  Core Text Link – Stone Age Boy & Ug	<b>Forces and magnets</b>  Core Text Link – The Iron Man	<b>Animals, including humans:</b> nutrition, skeletons and muscles  Core Text Link – The Butterfly Lion Explanation text – white lions	<b>Plants:</b> parts of a plant, life cycle of flowers, how water is transported in plants  Core Text Link – The Tin Forest	<b>Light:</b> reflection and shadows  Core Text Link – The Firework Maker’s Daughter	<b>Assessment of units &amp; Working “Like Scientists”</b>

<p><b>Year 4</b></p>	<p><b>Animals including Humans:</b> Teeth, Digestive System and food chains</p> <p>The Incredible Burp Eating Boy – Oliver Jeffers – narrative story.</p> <p>Feast – Video unit</p>	<p><b>Sound:</b> Vibration, how sound travels, the ear, pitch and volume</p>	<p><b>Electricity:</b> Safety, in our homes, circuits and scientific symbols</p>	<p><b>Working like scientists and investigators</b></p>	<p><b>States of Matter:</b> Solids, liquids &amp; gas.</p> <p>The Water Cycle - core text link.</p> <p>Once Upon a Raindrop by James Carter.</p>	<p><b>All Living Things:</b> Habitats, classification, keys and human impact on the environment</p> <p>'The River' by Valerie Bloom –link to the river Adapted version of the Emperor Penguin by Jane Considine – NCR.</p>
<p><b>Year 5</b></p>	<p><b>Earth and space:</b> the solar system</p> <p>Core text link: 'Cosmic' –narrative story.</p> <p>One Small Step (Video –Jane Considine.</p>	<p><b>Properties and changes of materials:</b> hardness, solubility, transparency, conductivity, response to magnets</p>	<p><b>Forces:</b> gravity, air resistance, water resistance and friction, force and motion</p>	<p><b>Investigating &amp; Working "Like Scientists</b></p>	<p><b>Living Things and their Habitats</b></p> <p>Lifecycles</p>	<p><b>Animals, including humans:</b> human development from birth to old age</p> <p>Core text link: 'There's a boy in the girls bathroom &amp; Cloud Busting – poetry.</p>
<p><b>Year 6</b></p>	<p><b>Electricity:</b> voltage, simple circuit diagrams</p> <p>(plus circuit Christmas cards in Autumn 2)</p>	<p><b>All living things:</b> Classification, evolution and inheritance</p> <p>(Core text link: inheritance of genes)</p>	<p><b>Animals incl. humans:</b> circulatory system, diet, exercise, lifestyle (see PSHCE).</p> <p>(Core text link re healthy hearts Extended Writing: Explanation of circulatory System)</p>	<p><b>Animals incl. humans:</b> continued if needed.</p>	<p><b>Light:</b> how light behaves</p>	<p><b>Light continued if needed:</b> including UV beads investigation</p>