

Science Thematic Curriculum Overview 2021/22

	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
EYFS / KS1	<p>Biology - Understanding Me Identifying and demonstrating needs e.g. hunger, pain, needing toilet – caring for animals and plants</p>	<p>Chemistry – Materials Identifying and naming different materials. Describing what we use them for.</p>	<p>Physics – Movement Identifying movement, speeding up, slowing down, changing direction. Movement on different surfaces.</p>	<p>Biology – Plants Grouping and identifying plants and trees, understanding the main physical features of both</p>	<p>Chemistry – Solids liquids and gases – identifying materials as SLG, describing their physical (chemical) properties</p>	<p>Physics – Magnetism Attraction and repulsion, properties of magnets</p>
KS2	<p>Biology - Understanding Me - Living and dead, life processes</p>	<p>Chemistry - Materials Chemical properties of materials, key terminology and phrases</p>	<p>Physics – Balanced and unbalanced forces, measuring force</p>	<p>Biology – Plant anatomy and photosynthesis</p>	<p>Chemistry - properties of solids, liquids and gases and common molecular structures (water, air)</p>	<p>Physics - magnetic fields and making magnets</p>
KS3	<p>Biology - Understanding Me Exercise, fitness, health and well-being</p>	<p>Chemistry - Materials Diamond, Graphite and bonding</p>	<p>Physics – Elasticity and Pressure</p>	<p>Biology – Photosynthesis, transpiration and limiting factors</p>	<p>Chemistry - Dalton atomic model and periodic table</p>	<p>Physics - Electromagnets</p>
KS4	GCSE Biology topic 1 – Cell biology		GCSE Biology topic 2 – Cell organisation		GCSE Biology topic 3 – Infection and response	