




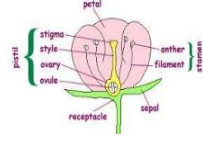

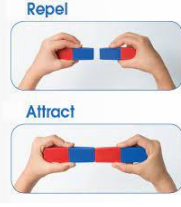








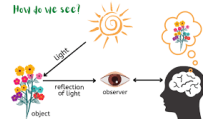


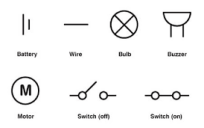

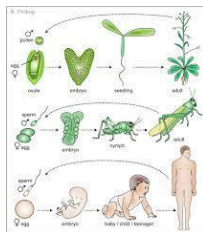
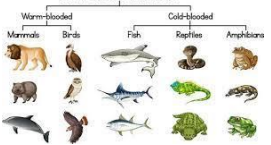
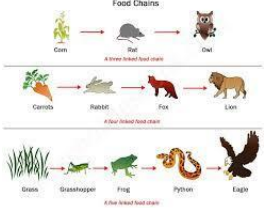

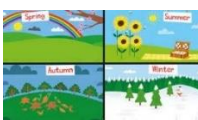




Science Long term overview

Working Scientifically Big ideas:	Robins		Skylarks		Kestrels and Owls			
	ELG	Year A (24/25)	Year B (25/26)	Year A (24/25)	Year B (25/26)	Year C (26/27)	Year D (27/28)	
Observing over time Identifying, classifying & grouping Observing, classifying and grouping. Comparative and fair testing. Pattern seeking. Research using secondary sources.	Understanding the World. Observe, investigate and talk about: Nature Plants Animals Sense Find similarity and Difference Patterns Continuous provision: Sand/ Water/ bugs and habitats Construction (materials) Growing seeds and plants Mud Kitchen	Plants and Trees. Discipline: Biology Key Concept: Diversity	Plants. Discipline: Biology Key Concept: Living things Animals, including Humans. Discipline: Biology Key Concept: Living things	The human body. Discipline: Biology Key Concept: Diversity	Rock detectives - substance and properties. Discipline: Chemistry Key Concept: Changes	Sound & Hearing Discipline: Biology and Physics Key Concept: Diversity & Energy Revisit / Recall: Light and Sight	Earth & Space Discipline: Physics Key Concept: Earth & Universe	
	Term 1							
	Term 2							

<p>Research using secondary sources.</p>	<p>Term 3</p>		<p>Animals , including Humans.</p>  <p>Discipline: Biology</p> <p>Key Concept: Diversity</p>	<p>Materials and their Properties.</p>  <p>Discipline: Chemistry</p> <p>Key Concept: Changes</p>	<p>Everyday materials and marvellous mixtures.</p>  <table border="1" data-bbox="1037 512 1265 646"> <thead> <tr> <th>Reversible</th> <th>Irreversible</th> </tr> </thead> <tbody> <tr> <td>✓ States of matter</td> <td>✗ Burning</td> </tr> <tr> <td>✓ Solid + Liquid</td> <td>✗ Rusted metals</td> </tr> <tr> <td>✓ Solid + Solid</td> <td>✗ Heating food</td> </tr> <tr> <td>✓ Soluble solid + Liquid</td> <td>✗ Mixed ingredients</td> </tr> </tbody> </table> <p>Discipline: Chemistry</p> <p>Key Concept: Changes</p>	Reversible	Irreversible	✓ States of matter	✗ Burning	✓ Solid + Liquid	✗ Rusted metals	✓ Solid + Solid	✗ Heating food	✓ Soluble solid + Liquid	✗ Mixed ingredients	<p>Animals including humans –Food and nutrition.</p>   <p>Discipline: Biology</p> <p>Key Concept: Diversity & Living Things</p>	<p>Plants: How does your garden grow?</p>   <p>Discipline: Biology</p> <p>Key Concept: Diversity</p>	<p>Magnetism: Magnets and Forces</p>   <p>Discipline: Physics</p> <p>Key Concepts: Energy</p>
Reversible	Irreversible																	
✓ States of matter	✗ Burning																	
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✓ Solid + Solid	✗ Heating food																	
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	<p>Term 4</p>						<p>Animals including humans: Living things and their habitats</p>  <p>Discipline: Biology</p> <p>Key Concept: Living things</p>											

	Term 5		<p>Everyday Materials and Properties.</p>  <p>Each of these materials has a different texture.</p>  <p>Discipline: Chemistry</p> <p>Key Concept: Changes</p>	<p>Living Things and their Habitats.</p>    <p>Discipline: Biology</p> <p>Key Concept: Living Things</p>	<p>Light and Sight</p>  <p>They do see it!</p>  <p>Discipline: Physics</p> <p>Key Concept: Energy</p>	<p>Electricity and Circuits.</p>    <p>Discipline: Physics</p> <p>Key Concept: Energy</p> <p>Revisit / Recall: Light and Sight</p>	<p>Reproduction: Plants, Animals and Humans. (NB Yr 5 and 6 separate components)</p>   <p>Discipline: Biology</p> <p>Key Concept: Living Things</p>	<p>Animals: Grouping & Classifying & Life cycles</p> <p>Classification of Vertebrates</p>  <p>Food Chains</p>   <p>Discipline: Biology</p> <p>Key Concept: Diversity & Living Things</p>
	Term 6		<p>Seasonal Changes</p>   <p>Discipline: (Earth Science)</p> <p>Key Concept: Changes</p>				<p>Evolution and inheritance (NB Yr 5 and 6 separate components)</p>  <p>Discipline: Biology</p> <p>Key Concept: Living things</p>	