

LONG-TERM SEQUENCE FOR SCIENCE – EYFS to KS1

	ELG's	How this is achieved in EYFS	Key Vocabulary to be developed in EYFS		Science KS1	
					Year 1	Year 2
Specific Area of Learning Understanding the World	<p><b>Managing Self</b></p> <ul style="list-style-type: none"> <li>Manage their own basic hygiene and personal needs, including dressing, going to the toilet, and understanding the importance of healthy food choices.</li> </ul> <p><b>ELG 14</b> The Natural World</p> <ul style="list-style-type: none"> <li>Explore the natural world around them, making observations and drawing pictures of animals and plants.</li> </ul>	<ul style="list-style-type: none"> <li>Discussions at snack time of the importance of healthy food choices.</li> <li>During lunch time discussions.</li> <li>Through stories and circle time discussions, e.g. the story - Now wash your hands and Funny bones.</li> <li>P.E lessons that encourage getting dressed and undressed independently.</li> <li>Naming body parts through songs - Heads, shoulders, knees, and toes.</li> <li>RSE link - Correct naming of body parts.</li> <li>Talking about pets at home.</li> <li>Exploring minibeasts and recording our observations.</li> </ul>	<ul style="list-style-type: none"> <li>Exercise</li> <li>Healthy</li> <li>Wash</li> <li>Toothbrush</li> <li>Tooth / Teeth</li> <li>Body</li> <li>Head</li> <li>Bones</li> <li>Skeleton</li> <li>Family</li> </ul>	<ul style="list-style-type: none"> <li>Animal</li> <li>Human</li> <li>Mammal</li> <li>Bird</li> <li>Fish</li> <li>Amphibian</li> <li>Insect</li> <li>Lifecycle</li> <li>Nocturnal</li> </ul>	Animals, including humans.	
	<p><b>ELG 14</b> The Natural World</p> <ul style="list-style-type: none"> <li>Explore the natural world around them, making observations and drawing pictures of animals and plants.</li> </ul>	<ul style="list-style-type: none"> <li>Going on walks to observe the local environment and to compare and learn about the seasons.</li> <li>Taking photos to compare seasons and discuss.</li> <li>Planting seeds and plants.</li> <li>Looking after the EYFS garden.</li> <li>Creating bug hotels.</li> </ul>	<ul style="list-style-type: none"> <li>Lifecycle</li> <li>Plant</li> <li>seed</li> <li>grow</li> <li>roots</li> <li>Flower</li> </ul>	<ul style="list-style-type: none"> <li>Seasons</li> <li>Autumn</li> <li>Winter</li> <li>Spring</li> <li>Summer</li> <li>Change</li> <li>Weather</li> </ul>	Plants	
	<p><b>ELG 14</b> The Natural World</p> <ul style="list-style-type: none"> <li>Understanding some important processes and changes in the natural world around them, including seasons and changing states of matter.</li> </ul>	<ul style="list-style-type: none"> <li>Growing plants from bulbs and seeds.</li> <li>Making boats to explore best materials.</li> <li>Water tray activities to explore water, ice, and materials that float and sink.</li> <li>Testing the best material for a raincoat for Paddington bear.</li> </ul>	<ul style="list-style-type: none"> <li>Material</li> <li>Wood</li> <li>Plastic</li> <li>Glass</li> <li>Float</li> </ul>	<ul style="list-style-type: none"> <li>Sink</li> <li>Liquid</li> <li>Solid</li> </ul>	Seasonal changes	Living things and their habitats.
					Everyday materials	Uses of everyday materials.
Scientific Vocabulary - scientist, sort, observation, identify, compare, group, investigate, test, evaluate						

LONG-TERM SEQUENCE FOR SCIENCE Year 1 – Year 6

(This model shows conceptual sequence and references where the content may be taught:

AT = Autumn Term, SprT = Spring Term, ST = Summer Term

	EYFS Understanding the world	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology (53% of Science content)	The Natural World  Explore the natural world around them, making observations and drawing pictures of animals and plants.		Living things and their habitats (+ revisit modules) (AT)		Living things and their habitats (AT)	Living things and their habitats (ST)	Living things and their habitats (AT)
		Plants (AT / ST))	Plants (ST)	Plants (ST)			
		Animals, including humans (AT) (+ revisit modules) (SpT / ST))	Animals, including humans (AT) (+ revisit modules) (SpT / ST))	Animals, including humans (AT)	Animals, including humans (SprT)	Animals, including humans (AT)	Animals, including humans (SpT)
							Evolution and inheritance (ST)
Physics (29% of Science content)	Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.  Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	Seasonal changes (+ revisit module) (AT)		Light (SpT)			Light (AT)
				Forces and magnets (SpT)		Forces (SpT / ST)	
					Electricity (ST)		Electricity (ST)
					Sound (ST)		
						Earth and space (SpT)	
Chemistry (18% of Science content)		Everyday materials (SpT)	Use of everyday materials (SpT)			Properties and change of materials (AT)	
				Rocks (AT) (+ revisit module) (AT)			
					States of matter (AT)		