



**Science
Cycle B**

	EYFS	Year 1 and 2 Ongoing - Nature and field journals - observations of plants and animals in their local environment throughout the year	Year 3 and 4 Standalone unit on sound	Year 5 and 6
Autumn 1	<ul style="list-style-type: none"> • Use vocabulary to name specific features of the natural world, both natural & man-made • Notice & discuss patterns around them e.g. the effect of seasons on flora & fauna 	The Place Where I Live (Ongoing Seasonal Change)	Sparks Might Fly! Electricity - series circuits, switches, conductors, insulators	Survival! Evolution and inheritance - adaptation, survival of the fittest, reproduction and passing on traits
Autumn 2	<ul style="list-style-type: none"> • Shows some understanding that good practices with regard to exercise, eating, drinking water, sleeping & hygiene can contribute to good health • Describe what they see, hear & feel • Identify different parts of their body & animals • Be able to show care and concern for living things • Know the effects exercise has on their bodies 	Fighting Fit Humans - what humans need to survive, human growth and exercise (Also ongoing Seasonal Change)	The Great Plague (Standalone unit on sound)	Super Sleuth Classification including subdivisions for vertebrates and invertebrates

	<ul style="list-style-type: none"> • Have some understanding of growth and change • Talk about things they have observed including animals 			
Spring 1	<ul style="list-style-type: none"> • Observe & interact with natural processes, such as ice melting, a sound causing a vibration, light travelling through transparent material, an object casting a shadow, a magnet attracting an object & a boat floating on water • Use vocabulary to name specific features of the natural world, both natural & man-made • Notice & discuss patterns around them e.g. the effect of seasons on flora & fauna 	Explorers (Ongoing Seasonal Change)	The Art of Food Teeth and the digestive system	Heroes and Villains Famous scientists and their contributions to the world
Spring 2	<ul style="list-style-type: none"> • Know how to care for growing plants. • Know about the life cycle of a plant 	The Farm Shop Human health and nutrition; requirements for plant growth	Passport to Europe	Britten's Got Talent? Light - exploring the way light behaves including

	<ul style="list-style-type: none"> • Know about growth, decay and changes over time. • Know some similarities and differences in relation to living things. • Know that all plants need water, light and warmth to grow and survive • Know that a seed produces roots to allow water to get into the plant and shoots to produce leaves to collect the sunlight • Extend vocabulary: blossom, buds, bulb, evergreen, deciduous • Describe what they see, hear & feel whilst outside • Name & describe some plants • Draw pictures of plants • Understand the effect of changing seasons on the natural world around them 	(Also ongoing Seasonal Change)		light sources, reflection, shadows
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<p>Summer 1</p>	<ul style="list-style-type: none"> • Describe what they see, hear & feel whilst outside • Observational drawings of the natural world • Discuss how to care for the living things & their habitats • observe how flora & fauna behave differently as the seasons change • Examine change over time • Use correct terms e.g. chrysalis, pupa when observing life cycle of butterfly & ladybirds • Express opinions on natural & built environments & opportunities to hear different points of view on the quality of the environment. Use words such as busy, quiet, pollution • Talk about things they have observed including animals • Observational drawings of animals 	<p>Wind in the Willows Living things and habitats</p> <p>(Also ongoing Seasonal Change)</p>	<p>Water, Water Everywhere States of matter</p>	<p>Oh! I Do Like To Be Beside The Seaside Electricity</p>
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Summer 2	<ul style="list-style-type: none"> • Observe & interact with natural processes, such as ice melting, a sound causing a vibration, light travelling through transparent material, an object casting a shadow, a magnet attracting an object & a boat floating on water • Use vocabulary to name specific features of the natural world, both natural & man-made • Notice & discuss patterns around them e.g. the effect of seasons on flora & fauna 	Buckets and Spades Uses of everyday materials - suitability of different materials for particular uses (Also ongoing Seasonal Change)	Hunted Habitats - grouping and classifying plants and animals	