

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Year R: How do the seasons change across the school year?					
R	Use all their senses in hands-on exploration of natural materials Begin to understand the need to respect and care for the natural environment and all living things. To explore the natural world around them Describe what they see, hear and feel whilst outside		Comments and asks questions about aspects of the natural world. Plant seeds and care for growing plants Understand the key features of the life cycle of a plant and an animal. Recognise some environments that are different to the one in which they live- compare habitats in other countries- ice and melting Habitats trip		Create a habitat for a minibeast/bird/mammal considering the materials used and what the animal would need access to. Understand the effect of changing seasons on the natural world around them- how would the habitat change through seasons? Ducks and Butterflies	
	Year 1 longitudinal study: Do all trees lose their leaves?					
1	Describing materials How can we describe materials? 6 sessions	Animal survival How do animals survive? 7 sessions	Habitats What is a habitat? 7 sessions	Seasons Do seasons effect habitats? 7 sessions	Plants How do plants grow? 8 sessions	
	Year 2 longitudinal study: How many snails do we have in our school grounds and do they stay all year round?					
2	Animal life cycles What is the life cycle of an animal? 7 sessions	Changing materials Why do we choose materials for buildings? Why do we choose materials for toys? 12 sessions (Can be split into three units)		Pushes and Pulls How and why do objects move? 8 sessions		Making New Plants How is a new plant made? 8 sessions
	Year 3 longitudinal study: When do we find the most insects in our school?					

3	Magnets What is a magnet? 6 sessions	Animals, Skeletons and Movement Why do we have a skeleton? 6 sessions	Solids, Liquids and Gases How can I identify materials based on their properties? 7 sessions	Plants and their food production How do plants make their foods? 7 sessions	Light Why can you see your reflection in a mirror but not the floor? 6 sessions	Rocks and soils What is the Earth made from? 4 sessions
Year 4 longitudinal study: What time of year do we get the most rain?						
4	Mixtures and separating them What are mixtures and how can they be separated? 8 sessions	Digestion How does the body get nutrients from food into the blood stream? 7 sessions	Plant Reproduction How do plants reproduce? 7 sessions	Making electrical circuits work What are electric circuits and how do they work? 6 sessions	Living things What is classification? 6 sessions	
Year 5 longitudinal study: Do all children grow the same amount each year?						
5	Fossils, geological time and classification What is evolution and how do we know it happened? 4 sessions	Space and gravity What is earth's address in space? Why do you float in space? 8 sessions	Making new substances How are new substances made? 8 sessions	Forces that oppose motion How and why do things move? 8 sessions	Circulation How do nutrients get to where they are needed in the body? 7 sessions	
No longitudinal study for year 6 to focus on SATs						

<p>6</p>	<p>How light behaves Why does my shadow change length?</p> <p>7 sessions</p>	<p>Classification and Evolution How does evolution happen?</p> <p>7 sessions</p>	<p>Controlling electrical circuits How can electrical circuits be controlled? How can electrical circuits be controlled?</p> <p>8 sessions</p>	<p>Sound How is sound produced?</p> <p>10 sessions</p>
-----------------	---	---	---	---