

Science			
	Autumn	Spring	Summer
EYFS	<p><b><u>3 – 4 year olds will be learning to:</u></b></p> <p>Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary.</p> <p>Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things.</p> <p>Explore and talk about different forces they can feel.</p> <p>Talk about the differences between materials and changes they notice.</p> <p><b><u>Children in reception will be learning to:</u></b></p> <p>Explore the natural world around them.</p> <p>Describe what they see, hear and feel whilst outside.</p> <p>Understand the effect of changing seasons on the natural world around them.</p> <p><b><u>ELG: People, Culture and Communities</u></b></p> <p><b><u>Children at the expected level of development will:</u></b></p> <p><b><u>The Natural World ELG:</u></b></p> <p>Children at the expected level of development will:</p> <ul style="list-style-type: none"> <li>- Explore the natural world around them, making observations and drawing pictures of animals and plants;</li> <li>- 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;</li> <li>- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> </ul>		
Year 1	<p>Working Scientifically.</p> <p>Our changing world – observing the world around us.</p>		
	Living things and their habitats – local area	Everyday Materials – naming and describing materials	Animals, including Humans (vertebrates)
	Animals, including humans – The body and its senses	Everyday Materials – Properties and uses of materials	Identifying plants and their parts
	<p>Seasonal Changes – observe changes across the 4 seasons and observe/ describe how weather changes with the season and how day length varies.</p> <p>Link to Y1 Geography – Identify seasonal and daily weather patterns of the UK</p>		
Year 1/2	<p>Working Scientifically.</p> <p>Our changing world – observing the world around us</p>		
	Living things and their habitats – local area	Identifying plants and their parts	Everyday Materials – Properties and uses of materials
	Animals, including humans – The body and its senses/ Growing up	Everyday Materials – naming and describing materials	Animals, including Humans (vertebrates)

	Seasonal Changes – observe changes across the 4 seasons and observe/ describe how weather changes with the season and how day length varies. Link to Y1 Geography – Identify seasonal and daily weather patterns of the UK		
Year 2	Working Scientifically. Our changing world – observing the world around us.		
	Living things and their habitats – Local habitats	Plants - Growing seeds and bulbs	Changing materials
	Uses of everyday materials – Choosing materials	Animals, including humans - Growing up	Plants - Growing healthy plants
Year 3	Working Scientifically. Our changing world – observing the world around us.		
	Rocks, soils and fossils	Forces, friction and magnets	Plants – Flowering plants and plant growth
	Light - Light and shadows	Animals, including humans - Movement and nutrition for the human body	Plants - Flowering plants life cycle
Year 4	Working Scientifically. Our changing world – observing the world around us.		
	Properties and changes of materials - Changes of state	Living things and their habitats - Human impact on the environment	Sound
	Electricity: circuits	Animals including humans - Digestion and food chains	Living things and their habitats - Classification of plants and animals
Year 5	Working Scientifically. Our changing world – observing the world around us.		
	Forces and mechanisms	Earth and space	Properties and changes of materials - Separating mixtures and changing materials
	Properties and uses of materials	Living things and their habitats - Plant and animal life cycles	Animals, including humans - Human growth
Year 6	Working Scientifically. Our changing world – observing the world around us.		
	Living things and their habitats - Classification of living things	Light - What light does them.	Electricity: changing circuits
	Evolution and inheritance	Animals, including humans - Human circulation	Animals, including humans - Body health