

Science			
	Autumn	Spring	Summer
EYFS	<p>3 – 4 year olds will be learning to: 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. 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. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice. Children in reception will be learning to: Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them. ELG: People, Culture and Communities Children at the expected level of development will: <u>The Natural World ELG:</u> Children at the expected level of development will: - Explore the natural world around them, making observations and drawing pictures of animals and plants; - 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.</p>		
Year 1	Working Scientifically. Our changing world – observing the world around us.		
	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
	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