

Long Term Forecast EYFS Working towards NC Science

Three and Four-Year-Olds	Communication and Language	<ul style="list-style-type: none"> • Understand ‘why’ questions, like: “Why do you think the caterpillar got so fat?”
	Personal, Social and Emotional Development	<ul style="list-style-type: none"> • Make healthy choices about food, drink, activity and toothbrushing.
	Understanding the World	<ul style="list-style-type: none"> • 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. • Begin to make sense of their own life-story and family’s history. • Explore how things work. • 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.
Reception	Communication and Language	<ul style="list-style-type: none"> • Learn new vocabulary. • Ask questions to find out more and to check what has been said to them. • Articulate their ideas and thoughts in well-formed sentences. • Describe events in some detail. • Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen. • Use new vocabulary in different contexts.
	Personal, Social and Emotional Development	<ul style="list-style-type: none"> • Know and talk about the different factors that support their overall health and wellbeing: <ul style="list-style-type: none"> - regular physical activity - healthy eating - toothbrushing - sensible amounts of ‘screen time’ - having a good sleep routine - being a safe pedestrian

	Understanding the World		<ul style="list-style-type: none"> • Explore the natural world around them. • Describe what they see, hear and feel while they are outside. • Recognise some environments that are different to the one in which they live. • Understand the effect of changing seasons on the natural world around them. 		
ELG	Communication and Language	Listening, Attention and Understanding	<ul style="list-style-type: none"> • Make comments about what they have heard and ask questions to clarify their understanding. 		
	Personal, Social and Emotional Development	Managing Self	<ul style="list-style-type: none"> • Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices. 		
	Understanding the World	The Natural World	<ul style="list-style-type: none"> • 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. 		
	Cycle 1		<ul style="list-style-type: none"> • All about Me • Light and Dark 	<ul style="list-style-type: none"> • Cold Places and Weather • Food and Growth 	<ul style="list-style-type: none"> • Minibeasts • Pirates
	Cycle 2		<ul style="list-style-type: none"> • People who help us/Super-heroes • Space 	<ul style="list-style-type: none"> • Dinosaurs • Farm 	<ul style="list-style-type: none"> • Terrific Tales • Fun at the seaside
<ul style="list-style-type: none"> • The EYFS framework is structured very differently to the national curriculum as it is organised across seven areas of learning rather than subject areas. • This document demonstrates which statements from the 2020 Development Matters are prerequisite skills for science within the national curriculum. The table below outlines the most relevant statements taken from the Early Learning Goals in the EYFS statutory framework and the Development Matters age ranges for Three and Four-Year-Olds and Reception to match the programme of study for science. <ul style="list-style-type: none"> • The most relevant statements for science are taken from the following areas of learning: <i>Communication and Language, Personal, Social and Emotional Development & Understanding the World</i> 					

Long Term Planning Overview for Science

Key Stage 1

Year	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
All year groups: Scientific Enquiry						
Year 1	Seasonal Changes 	Plants 	Animals including Humans: All about animals and humans 		Everyday Materials 	
Year 2	Animals including humans: Growth and life cycles 		Uses of everyday materials 	Plants 	All living things and their habitats - Around the world 	

*National Curriculum knowledge and skills are stipulated per Year group

Long Term Planning Overview for Science

Key Stage 2

Year	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Year 3	Forces and Magnets Scientific enquiry 		Rocks/Soils 	Light	Animals including humans: healthy me	Plants: Functions
Year 4	States of Matter 	Electricity: Cicuits	Sound	Animals including humans - digestive system	All living things: Classification and conservation	
Year 5	Living things and their habitats	Forces 	Changes of materials	Properties of materials	Earth/Space 	Animals inc Human - Growth of Humans
Year 6	Light 	Electricity Changing Circuits	All living things and their habitats	Animals inc Humans Health and Circulation	Evolution and Inheritance	Looking after our environment

*National Curriculum knowledge and skills are stipulated per Year group