

Science: Our Curriculum

Our science curriculum is designed to stimulate an interest in the world around by harnessing our children’s natural curiosity. It is connected to our topic themes where possible and is interwoven through our curriculum. Our children develop their scientific knowledge and conceptual understanding through studying the specific areas of biology, chemistry and physics. Our aim is for our children to have exposure to a variety of themes and understand how science impacts on our lives, inspiring our children to want to learn more and continue their love of scientific enquiry beyond school.

	Autumn	Spring	Summer
Nursery	Me and My Community	Starry Night	Sunshine and Sunflowers
	Seasonal Changes		
	Animals including Humans - Exploring families	Earth and Space – Day and night	Plants
	Once Upon a Time	Dangerous Dinosaurs	Big Wide World
Reception	Living Things and their Habitats – School and Local Environment	Living Things and their Habitats – Dinosaurs	Animals including Humans – Nocturnal Animals
	Let’s Explore	Long Ago	Ready, Steady, Grow
	Seasonal Changes		
	Living Things and their Habitats – School and Local Environment	Living Things and their Habitats - Comparing Habitats	Animals including Humans – Food and Farming; Lifecycles
Animal Safari		On the Beach	
Year 1	Living Things and their Habitats – Classification	Living Things and their Habitats – Classification	
	Childhood	Big Lights, Big City	School Days
	Seasonal Changes		
Year 2	Materials	Plants	Living Things and their Habitats – Classification
	Animals including Humans - Human Senses		
	Movers and Shakers	Coastline	Magnificent Monarchs
Year 3	Seasonal Changes		
	Animals including Humans -Human lifecycles	Plants	Animals including Humans –Animal lifecycles
	Materials		Living things and their Habitats – Animals
Year 4	Through the Ages	Rocks, Relics and Rumbles	Emperors and Empires
	Animals including Humans – Skeletons	Rocks and Fossils	Plants
Year 5	Light	Forces and Magnets	Revision/Consolidation
	Misty Mountain, Winding River	Invasion	Ancient Civilisations
Year 6	Living Things and their Habitats – Classification	Sound	Electricity
	States of Matter	Animals including Humans - Digestion	Revision/Consolidation
Year 5	Ground breaking Greeks	Dynamic Dynasties	Sow, Grow and Farm
	Materials	Earth and Space	Living Things and their Habitats - Food Chains
Year 6		Forces and Mechanisms	Animals including Humans - Life Cycles
	Maafa	Frozen Kingdoms	Britain at War
Year 6	Animals including Humans – Circulatory System	Electricity	Light
		Living Things and their Habitats - Classification	Evolution and Inheritance

Area of Study		
Biology	Chemistry	Physics

Impact

Our children:

- Are enthusiastic young scientists who are excited to use their curiosity and natural inquisitiveness to learn more, remember more and problem solve.
 - Are able to use their scientific knowledge to make connections with other curriculum areas and their lives and are developing an understanding of the impact that science has globally.
 - Are enthused to learn through practical sessions and by participating in a range of educational visits that inspire further learning.
 - Are developing an awareness of the scientific careers that could shape their future choices and the STEM offers that are available in their secondary education.
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- In 2023 76% of the Key Stage 1 children achieved the expected standard and 80% of children left the school in year 6 working at the expected level and were well equipped to continue their learning in secondary school.