



Science Coverage 2025-2026

AIM	Pupils should develop an understanding of the natural world through purposeful enquiry and hands-on investigation. Pupils should develop an understanding of key scientific disciplines of in biology, chemistry, and physics, helping them build secure foundational knowledge about living things, materials, and physical processes. Through practical work and systematic observation, pupils learn to ask questions, test predictions, gather evidence, and draw simple conclusions. Pupils should build scientific knowledge and skills to understand the implications of science, today and in the future. Pupils should foster curiosity, promote accurate scientific vocabulary, and strengthen the ability to think critically about how and why things happen, by making connections between new knowledge and what they already know. Pupils should apply scientific knowledge and develop skills in working-scientifically, to make sense of the world and to prepare pupils for further complex scientific learning.								
	PRE SCHOOL	NURSERY	RECEPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
ADVENT 1	Understanding the World in the Early Years focuses on helping children make sense of their lives and the world around them by exploring people, communities and the natural environment. Through play, stories and real-life experiences, children learn about family, similarities and differences, nature, seasons, animals and changes in the world, developing curiosity, respect for others, and an understanding beyond their immediate experiences. (CLL and UW link)			Seasonal changes (1 week)		BIOLOGY Plants	BIOLOGY Animals including humans	PHYSICS Earth and space	BIOLOGY Evolution and inheritance
ADVENT 2	Repeat actions that have an effect.	Use all their senses in hands-on exploration of natural materials.	Explore the natural world around them	BIOLOGY Animals including humans	BIOLOGY Living things and their habitats		BIOLOGY Animals including humans	PHYSICS Electricity	PHYSICS Forces and magnets
LENT 1		Explore collections of materials with similar and/or different properties.		Describe what they see, hear and feel whilst outside		CHEMISTRY Everyday materials			
LENT 2	Explore materials with different properties.	Explore how things work. Plant seeds and care for growing plants.	Recognise some environments that are different to the one in which they live	Seasonal changes (1 week)	PHYSICS Plants	PHYSICS Light	PHYSICS Sound	BIOLOGY Living things and their habitats	PHYSICS Light
PENTECOST 1	Explore natural materials, indoors and outside.	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.	Understand the effect of changing seasons on the natural world around them	PHYSICS Plants	CHEMISTRY Everyday materials	PHYSICS Forces and magnets			
PENTECOST 2	Explore and respond to different natural phenomena in their setting and on trips.	Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice.		Seasonal changes (1 week)					