

Science coverage whole school map by term and year group.

Nursery		
Autumn	Spring	Summer
Use all their senses in hands-on exploration of natural materials.	Use all their senses in hands-on exploration of natural materials.	Use all their senses in hands-on exploration of natural materials.
Explore collections of materials with similar and/or different properties	Explore collections of materials with similar and/or different properties	Explore collections of materials with similar and/or different properties
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.	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.	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	Talk about the differences between materials and changes they notice
Reception		
Autumn	Spring	Summer
Explore the natural world around them.	Explore the natural world around them.	Explore the natural world around them.
Describe what they see, hear and feel whilst outside	Describe what they see, hear and feel whilst outside	Describe what they see, hear and feel whilst outside
Recognise some environments that are different from the one in which they live.	Recognise some environments that are different from the one in which they live.	Recognise some environments that are different from the one in which they live.
Understand the effect of changing seasons on the natural world around them.	Understand the effect of changing seasons on the natural world around them.	Understand the effect of changing seasons on the natural world around them.

Year 1					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Animals including humans	Seasonal changes	Materials	Seasonal Changes	Plants	Plants
Scientist studied					
Linda Brown Buck			George James Simmons		
Year 2					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

Animals including humans		Materials		Living Things and their habitats	Plants
Scientists studied					
	Louis Pasteur	John McAdam (Macadamisation)			
Year 3					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Animals and humans	Forces and Magnets	Rocks/Fossilisation Process		Plants	Light
Scientists studied					
Marie Curie		William Smith Mary Anning			
Year 4					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Electricity	States of Matter	States of matter	Living things and their habitats	Animals including humans	Sound
Scientists studied					
Michael Faraday					Alexander Graham Bell
Year 5					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Earth and Space	Properties of materials	Living things and their habitats	Living things and their habitats	Forces	Animals including humans
Scientists studied					
		David Attenborough			
Year 6					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Animals including humans	Electricity	Living things and their habitats	Living things and their habitats	Evolution and inheritance	Light
Scientists studied					
Dr Daniel Hale Williams	Thomas Edison Benjamin Franklin Nikola Tesla			Charles Darwin	