



St Cuthbert's Catholic Primary School

Science Progression of knowledge



	EYFS	Nursery (age 3-4)	Reception (age 4-5)
Materials	<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 the differences between materials and changes they notice. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 	<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 the differences between materials and changes they notice. 	<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 • Discuss the differences between materials and changes they notice • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.
Earth and Space	<ul style="list-style-type: none"> • Learn about the solar system and stars • Learn about space travel • Explore the natural world around them • Describe what they see, hear and feel whilst outside • Understand the effect of change in seasons on the natural world around them • Name the 4 seasons 	<ul style="list-style-type: none"> • Describe what they see, hear and feel whilst outside 	<ul style="list-style-type: none"> • Learn about the solar system and stars • Learn about space travel • Describe what they see, hear and feel whilst outside • Understand the effect of change in seasons on the natural world around them • Name the 4 seasons
Living Things	<ul style="list-style-type: none"> • Explore the natural world around them, make observations and draw pictures of animals and plants. • 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. 	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Explore the natural world around them, make observations and draw pictures of animals and plants. • 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.

Magnets and Forces	<ul style="list-style-type: none">● Explore how things work● Explore and talk about different forces they can feel● Talk about the differences between materials and changes they notice● Explore the natural world around them● Describe what they see, hear, and feel whilst outside	<ul style="list-style-type: none">● Explore how things work● Explore and talk about different forces they can feel● Talk about the differences between materials and changes they notice● Explore the natural world around them	<ul style="list-style-type: none">● Talk about the differences between materials and changes they notice● Explore the natural world around them● Describe what they see, hear, and feel whilst outside
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