Science Curriculum Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	During the course of the year we will - • Explore and talk about different forces they can feel. • Explore how things work. • Use all their senses in hands on exploration of natural materials. • Explore collections of materials with similar and/or different properties. • 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. • Talk about differences between materials and changes they notice.					
Reception	Make careful observations and use relevant vocabulary. Begin to notice and understand some important processes and changes in the natural world including seasons.		Describe and explore the world around them. Begin to notice and understand some important processes and changes in the natural world including seasons and states of matter. Can talk about changes from when they were a baby. Understand some of the processes in the natural world – life cycles of people.		Explore the natural world around them, making observations and drawing pictures of animals and plants. Understand some of the processes in the natural world – life cycles plants and animals.	
Year 1	Seasonal changes	Everyday materials	Sensitive bodies	Comparing animals	Introduction to plants	Making Connections
Year 2	Habitats	Micro habitats	Uses of everyday materials	Life cycles and health	Plant growth	Making Connections
Year 3	Movement and nutrition	Forces and magnets	Rocks and soil	Light and shadows	Plant reproduction	Making Connections
Year 4	Digestion and food	Electricity and circuits	States of matter	Sound and vibrations	Classification and changing habitats	Making Connections

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Year 5	Mixtures and separation	Properties and changes	Earth and space	Life cycles and reproduction	Imbalanced forces	Human timeline / Making Connections
Year 6	Classifying big and small	Light and reflection	Evolution and inheritance	Circuits, batteries and switches	Circulation and exercise	Making Connections