



ELBURTON PRIMARY SCHOOL - SCIENCE CURRICULUM MAP



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Pre-school	My Fantastic Family	Precious Pets	Let's Go	Who is on the Farm?	Let's Dig	Happily Ever After
	<p>Throughout their Pre School year, children are exposed to core scientific principles, they are encouraged to question the world around them and talk about the observations they make. For example, in Term 1 during their 'My Fantastic Family' theme, they begin to make sense of their own family story and begin to compare it to other families. They will learn about the things that make their own family special. During term 2 they will look at 'Precious Pets' and can look at habitats and life cycles and learn how to respect living things and take care of them. During this term they will have real animal visits for observation and a visit to a local dog-groomers. In term 3 children will have the chance to explore how things work and forces through the theme 'Let's Go!'. Children will get the opportunity to continue learning about life cycles of animals and plants in term 4 'Who is on the Farm?'. By planting seeds, they will begin to learn how to care for growing plants and respect living things. This focus will continue through Term 5 with 'Let's Dig' where children will develop their observational skills through studying minibeasts. We will build habitats for minibeasts and learn about the different features and names of the minibeasts. Finally, in term 6 they will explore changes in materials through cooking/ freezing/ melting. They will look at food groups and how to stay healthy. Children will continually use their senses to explore the world around them and explore materials with similar and different properties.</p>					
Reception	Who am I?	Blast Off!	Where in the World?	Growing	Amazing Changes	Let's go on an Adventure
	<p>Throughout their Reception year, children are exposed to core scientific principles, they are encouraged to question the world around them and talk about the observations they make. Every day, the children create their own play dough and explore with many different messy play experiences, knowing the changes and consistencies that are needed to make the perfect product is a process that the children can articulate, modify, and perfect. In Term 1 during their 'Who am I?' topic, they look closely at their own features, they learn about their body and the amazing things it can do. During Term 2, as part of their 'Blast Off' topic, they make creators on the surface of the Moon with flour, introducing them to the principle of simple tests. They learn about and are encouraged to ask questions about the Moon, the Planets, and stars as they become astronauts in their own space station. In term 4 the children become young Botanists when they grow plants from a seed. In Term 5 the children become biologists as they classify different animals as part of their 'Amazing Animals' topic and they develop their observational skills as they closely watch butterflies develop from larvae into fully-grown butterflies. Finally, in term 6, they become pirates and explore the science of floating and sinking as they make boats with different materials.</p>					
Year 1	Animals Including Humans	Animals Including Humans	Materials	Seasonal Changes	Plants	Plants <i>Sustainability</i>
Year 2	Living Things and their Habitats		Uses of Everyday Materials	Animals Including Humans	Wildlife <i>Sustainability</i>	Plants
Year 3	Light & Dark	Animals Including Humans (Nutrition and Skeletons)	Forces and Magnets	Plants	Rocks	Food Waste <i>Sustainability</i>
Year 4	Animals Including Humans	Sound	Electricity	States of Matter	Energy <i>Sustainability</i>	Living Things and their Habitats
Year 5	Earth and Space	Forces	Properties and Materials	Global Warming <i>Sustainability</i>	Living Things and their Habitats	Animals Including Humans
Year 6	Animals Including Humans	Light	Living things and their habitats	Evolution and Inheritance	Electricity	Renewable Energy <i>Sustainability</i>