

Long Term Planning: Science



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Reception	Weather Outdoor environment Textures/Materials	Changes in weather/seasons Floating and Sinking	Observations and drawings Materials for building Similarities and differences Changing states of Matter	Revisit-Floating and Sinking-linking to materials. Space and the world around me.	Life cycles – butterfly Life cycle-animals (ducks) Growth/life cycle-plants Recycling Minibeasts Animals	Similarities and differences. Revisit-Seasons Living things-sea creatures Animal Habitats
Year 1	Uses of Everyday materials Organisation and classification Cause and effect Scale and measurement	Seasonal Changes Part 1 Organisation and classification Change Variation and adaptation Cause and effect	Plants Organisation and classification Change Variation and adaptation	Seasonal Changes Part 2 Organisation and classification Change Variation and adaptation Cause and effect	Animals including Humans Organisation and classification Variation and adaptation	Seasonal Changes Part 3 Change Cause and effect
Year 2	Uses of Everyday Materials Organisation and classification Change Cause and effect	Animals including Humans. Organisation and classification Change Cause and effect Scale and measurement		Plants Organisation and classification Change Cause and effect Scale and measurement	Living things and their habitats Organisation and classification Change Cause and effect	
Year 3	Forces and Magnets Organisation and classification Cause and effect	Light Cause and effect Scale and measurement	Animals including Humans Organisation and classification	Rocks Organisation and classification Change	Plants Cause and effect Change Scale and measurement	

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	Scale and measurement		Variation and adaptation Cause and effect	Cause and effect		
Year 4	States of matter Organisation and classification Change Cause and effect Scale and measurement	Sound Change Cause and effect Scale and measurement	Living Things and their Habitats Organisation and classification Change Variation and adaptation Cause and effect	Electricity Organisation and classification Cause and effect	Animal including Humans Organisation and classification Variation and adaptation	Living Things and their Habitats Organisation and classification Change Variation and adaptation Cause and effect
Year 5	Earth and Space Cause and effect Scale and measurement	Properties and Changes of Materials Organisation and classification Change Cause and effect Scale and measurement	Forces Cause and effect Scale and measurement	Living Things and their Habitats Organisation and classification Change Variation and adaptation	Animals including Humans Change Variation and adaptation	
Year 6	Living Things and their Habitats Organisation and classification Variation and adaptation	Light Cause and effect Scale and measurement	Electricity Cause and effect	Animals including Humans Change Cause and effect Scale and measurement	Evolution and Inheritance Organisation and classification Change Variation and adaptation	

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<p>Links to Key Stage 3</p>	<p>Pupils should be taught about:</p> <p>Biology:</p> <ul style="list-style-type: none">- Reproduction.- Health.- The skeletal and muscular systems.- Nutrition and digestion.- Relationships in an ecosystem. <p>Chemistry:</p> <ul style="list-style-type: none">- The particulate nature of matter.- Pure and impure substances. <p>Physics:</p> <ul style="list-style-type: none">- Energy changes and transfers- Forces- Sound waves- Light waves- Current electricity- Magnetism- Space physics
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