



Science Long Term Plan

<u>Year Group</u>	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>EYFS – Understanding the World – Foundational Science</u>						
Nursery	Exploring Autumn	Exploring Winter Habitats – Bears and Hibernation	Exploring Spring Animals and plants – life cycles (chicks)	Exploring Summer Planting seeds (bean)	Exploring our World	
Reception	Exploring Autumn	Our Planet Earth (animals that live in cold countries)	Our Planet Earth (animals that live in hot countries) Exploring Space	Lifecycles –Caterpillar Earth Day Planting Sunflowers and growing food		
Across the year – Changing seasons						
Year 1	<u>Physics</u> Seasonal Changes	<u>Chemistry</u> Everyday Materials	<u>Biology</u> Sensitive Bodies	<u>Biology</u> Comparing Animals	<u>Biology</u> Introduction to plants	Investigating science through stories
Year 2	<u>Biology</u> Habitats	<u>Biology</u> Microhabitats	<u>Chemistry/Physics</u> Uses of everyday materials	<u>Biology</u> Life cycles and health	<u>Biology</u> Plant growth	Plant-based materials
Year 3	<u>Biology</u> Movement and nutrition	<u>Physics</u> Forces and magnets	<u>Chemistry</u> Rocks and soil	<u>Physics</u> Light and shadows	<u>Biology</u> Plant reproduction	Does hand span affect grip strength?
Year 4	<u>Biology</u> Digestion and food	<u>Physics</u> Electricity and circuits	<u>Chemistry</u> States of matter	<u>Physics</u> Sound and vibrations	<u>Biology</u> Classifying and changing habitats	How does the flow of liquids compare?
Year 5	<u>Chemistry</u> Mixtures and separation	<u>Chemistry</u> Properties and changes	<u>Physics</u> Earth and space	<u>Biology</u> Life cycles and reproduction	<u>Physics</u> Unbalanced forces	Human timeline Does the size of an asteroid affect its impact strength?
Year 6	<u>Biology</u> Classifying big and small	<u>Physics</u> Light and reflection	<u>Biology</u> Evolution and inheritance	<u>Physics</u> Circuits, batteries and switches	<u>Biology</u> Circulation and health	Are some sunglasses safer than others?

