



Science

Long Term Plan 2021-22



Our **INSPIRE** Curriculum:

- develops the **INDIVIDUAL** - values, attitudes, knowledge, skills and understanding
- **NURTURES** curiosity and creative thinkers
- is broad, balanced and has clear progression in **SUBJECT KNOWLEDGE and SKILLS**
- is filled with rich **PURPOSEFUL** first-hand experiences and uses expertise beyond the classroom
- develops **INDEPENDENCE**, resilience and perseverance to always be our best
- is flexible and **RESPONSIVE** to individual needs and interests.
- **EMBRACES** children's knowledge and understanding of the developing world we live in, modern-cultural Britain and our own diverse community

	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 6 weeks	Summer 1 6 weeks	Summer 2 5 weeks
EYFS	<p style="color: red; text-align: center;"><i>Exploring Autumn</i></p> <p style="color: green; text-align: center;"><i>Human Body: Discovering the 5 senses</i></p> <p style="color: green; text-align: center;"><i>Animals: From Minibeasts to Dinosaurs</i></p>	<p style="color: red; text-align: center;"><i>Light and Dark</i></p> <p style="color: red; text-align: center;"><i>Exploring the night sky and planets</i></p>	<p style="color: orange; text-align: center;"><i>Recycling and taking care of our world</i></p> <p style="color: orange; text-align: center;"><i>Exploring what rubbish does to our environment and animals</i></p>	<p style="color: green; text-align: center;"><i>New Life and Life-Cycles</i></p>	<p style="color: orange; text-align: center;"><i>Conservation and Plastic Pollution in the ocean</i></p> <p style="color: blue; text-align: center;"><i>Materials: floating and sinking through boat building</i></p> <p style="color: blue; text-align: center;"><i>Exploring metallic and non-metallic objects</i></p>	<p style="color: green; text-align: center;"><i>Planting and Growing through the life cycle of a bean</i></p>
Year 1	<p style="color: red; text-align: center;"><i>Seasons and Weather</i></p>	<p style="color: green; text-align: center;"><i>The Human Body: 5 Senses</i></p>	<p style="color: blue; text-align: center;"><i>Everyday Materials</i></p>	<p style="color: green; text-align: center;"><i>Plants</i></p>	<p style="color: green; text-align: center;"><i>The Animal World</i></p>	<p style="color: orange; text-align: center;"><i>Environmental Science – Climate Change</i></p>



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Year 2	Living things and their habitats		Materials and their uses	Animals and their needs	How Plants Grow	Environmental Science – Recycling & Food Waste
Year 3	Forces and Magnets	Animals and Humans	Lights and Shadows	Structure and Function of Plants	Rocks and Fossils	Environmental Science – Pollution
Year 4	Classification of Living things	States of Matter	Sound	Electricity	The Human Body: Digestive System & Teeth	Environmental Science – Water Conservation
Year 5	Properties and Changes of Materials		Earth and Space	Forces and Movement	Life-Cycles and Reproduction	Environmental Science – Deforestation
Year 6	Light and Seeing Things	Living things: Further Classification	The Human Body: Circulatory System	Electricity	Evolution and Inheritance	Environmental Science – Pioneers in Science

Biology	Chemistry	Physics	Environmental
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