



# Science Long Term Plan

2018 - 19                      Year: 1-6



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

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>R</b>	<p>Talking about our families - similarities and differences Share photographs from home</p> <p>Guess the baby</p> <p>Exploring Autumn vegetables – pumpkins Our families and special times</p>	<p>Autumn Walk Explore the seasons Bonfire Night</p> <p>Ipads – firework art Light and Dark – day and night</p>		<p>Pushes and forces People who help us</p>	<p>The world around us – where do animals live?</p>	<p>Floating and sinking Investigating shadows</p>
<b>1</b>	<p>Using our senses</p> <p>What are the four seasons?</p> <p>Plants – plant detectives</p>	<p>Materials Which materials should the Three Little Pigs have used to build their house?</p>	<p>Materials Which materials should the Three Little Pigs have used to build their house?</p> <p>What are the four seasons?</p>	<p>Animals including humans – looking at animals</p>	<p>Habitats – our changing world – animal antics</p> <p>What are the four seasons?</p>	<p>Plants – plant detectives</p>



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<b>2</b>	Use of everyday materials		Animals including humans	Plants	Habitats and living things	Animals including humans
<b>3</b>	Plants  How does your garden grow?	Forces The Power of Forces	Light Can you see me?	Habitats  Our Changing World  What can we do to prevent harmful change?	Animals including humans  Amazing Bodies	Rocks Rock Detectives
<b>4</b>	Teeth & Digestion  What happens to the food we eat?	Electricity  Switched on!	Sound  Good Vibrations!	States of Matter  In a state!	Animals including humans  Food chains	Living things and habitats  Which wild animals and plants thrive in your locality?
<b>5</b>	Earth and Space  The Earth and Beyond	Forces Feel the force	Materials  Everyday Material	Materials  Properties of Materials	Living things and habitats  Reproduction in Plants and Animals	Animals including Humans  Circle of Life
<b>6</b>	Animals including humans- What would the journey through the body look like?	Animals including humans- healthy living  <a href="#">Science and industry museum</a>	Light- How can you light up your life?	Electricity- Can you be the next Nintendo apprentice?	Evolution and Inheritance- Have we always looked like this?	Habitats- Could Spiderman really exist?