

Science Whole School – Long Term Plan

| | Autumn One | Autumn Two | Spring One | Spring Two | Summer One | Summer Two |
|-------------------|--|--------------------------|-------------------------------------|--|--------------------------|-------------------|
| EYFS | <p>Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Explore how things work. Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice. Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them. Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> | | | | | |
| Year One | Seasonal Changes | Animals including humans | Animals including humans (Ext unit) | Materials Science Week | Materials (Ex Unit) | Plants |
| Year Two | Living things and habitats | Materials | Animals including humans. | Animals including humans (Ext Unit) Science Week | Plants | Plants (Ext Unit) |
| Year Three | Rocks | Light | Forces and magnets | Science Week | Animals including humans | Plants |

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| Year Four | Animals including humans. | Sound | Plymouth Science | | Electricity | Living things |
| Year Five | Forces | Properties of materials | Space | Science Week | Living things and habitats | Animals including humans |
| Year Six | Animals including humans | Evolution and inheritance | Electricity | Science Week | Light | Living things and habitats |