



Long Term Plan : Science



| Overview | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Autumn 1 | Seasonal Changes (A1 onwards throughout the year) <i>WALT: Observe and describe how weather changes across the seasons.</i> | Animals, including Humans <i>WALT: Learn what humans need in order to survive and that animals have offspring.</i> | Forces and Magnets <i>WALT: Discover how magnets attract and repel.</i> | Living Things and their Habitats <i>WALT: Recognise changing environments can threaten the life of those that live in it.</i> | Forces <i>WALT: Discover different forces such as gravity, friction and air resistance.</i> | Living Things and their Habitats <i>WALT: Classify living things, including microorganisms, based on their characteristics.</i> |
| Autumn 2 | | | Light <i>WALT: Discover how shadows are formed and how they change.</i> | Sound <i>WALT: Understand how sound is made and how it can change.</i> | Properties and Changes of Materials <i>WALT: Discover how solids, liquids and gases can change state.</i> | Light <i>WALT: Recognise that light travels in straight lines and explain how we can see.</i> |
| Spring 1 | Everyday Materials <i>WALT: Identify and compare the names and properties of different materials.</i> | Uses of Everyday Materials <i>WALT: Identify and compare how suitable materials are for their uses.</i> | Animals, including Humans <i>WALT: Find out how skeletons and muscles work to help the body.</i> | Electricity <i>WALT: Construct simple electrical circuits and identify and repair faults.</i> | | Electricity <i>WALT: Construct parallel electrical circuits and explore how this impacts the components in it.</i> |
| Spring 2 | | | Animals, including Humans <i>WALT: Understand the nutrition which humans need and which foods we get them from.</i> | States of Matter <i>WALT: Compare and group solids, liquids and gases.</i> | Living Things and their Habitats <i>WALT: Describe the life process of reproduction in some plants and animals</i> | N/A |
| Summer 1 | Animals, including Humans <i>WALT: Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</i> | Living Things and their Habitats <i>WALT: Identify what habitats are and find out about food chains.</i> | Plants <i>WALT: Explain the life cycle of a flowering plant.</i> | Animals, including Humans <i>WALT: Discover the basic parts of the digestive system and identify types of teeth</i> <i>WALT: Discover how food chains interlink.</i> | Earth and Space <i>WALT: Describe the movements of the sun, earth and moon and understand how they relate to each other.</i> | Animals, including Humans <i>WALT: Recognise the impact of diet, exercise, drugs and lifestyle on the circulatory system.</i> |

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| <p>Summer 2</p> | <p>Plants <i>WALT: Name and label different plants and their parts.</i></p> <p>Animals, including Humans <i>WALT: Identify, name and label animal body parts. Identify and name animals that are carnivores, herbivores and omnivores.</i></p> | <p>Plants <i>WALT: Find out what plants need to survive and grow.</i></p> | <p>Rocks <i>WALT: Compare and group different types of rocks and fossils.</i></p> | | <p>Animals, including Humans <i>WALT: Understand the changes which occur to humans in old age.</i></p> | <p>Evolution and Inheritance <i>WALT: Recognise how animals have adapted to suit their environment.</i></p> |
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