

Curriculum Overview
Subject: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p>Theme: Ourselves, Subject Driver: SRE, Science Objectives: Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p> <p>Main Investigation: Measuring different body parts.</p> <p>Theme: Around the World Objectives: Identifying and classifying (animals from different countries.) Main Investigation: Investigating different animals. Observing weather and making weather charts.</p>	<p>Theme: Out of this World Subject Driver: Art / DT Objectives: Asking simple questions and recognising that they can be answered in different ways Main Investigation: Investigating materials suitable for a spacesuit.</p>	<p>Theme: A knight's tale Subject Driver: History Objectives: Asking simple questions and recognising that they can be answered in different ways. Observing closely, using simple equipment Main Investigation: Investigating materials suitable for a strong castle.</p>	<p>Theme: Toy Story Subject Driver: History Objectives: Performing simple test. Use observation and ideas to suggest answers to questions. Main Investigation – Which car goes the fastest?</p>	<p>Theme: Enchanted Forest Subject Driver: Science Objectives: Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees. Observe the growth of flowers and vegetables they have planted. Describe how plants have changed over time Main Investigation: Plant seeds and observe them growing. Keep a log / record of changes.</p>	<p>Theme: Shiver me Timbers Subject Driver: Science Objectives: Investigating and comparing the properties of different materials.</p> <p>Main Investigation: Investigating materials which float or sink. What materials would be best for a ship?</p>
Year 2	<p>Theme: Animal Kingdom Subject Driver: Science Objectives: Using observations and ideas to suggest answers to questions. Identifying and classifying.</p> <p>Main Investigation : comparing habitats.</p>	<p>Theme: Fire! Fire! Subject Driver: History Objectives: Using observations and ideas, asking simple questions, performing simple tests.</p> <p>Main Investigation: Finding best containers to transport water to put out imaginary fire. To find out what fire needs to stay alight.</p>	<p>Theme: There's No Place Like Home Subject Driver: Science Objectives: Identifying and classifying. Performing simple tests.</p> <p>Main Investigation: Which material would be best to build a house for the three wolves?</p>	<p>Theme: Chocolate Subject Driver: DT Objectives: To perform simple tests. To gather and record data.</p> <p>Main Investigation: Comparing plants grown in different conditions.</p>	<p>Theme: It's a Small World Subject Driver: Geography Objectives: To gather and record data. To ask simple questions.</p> <p>Main Investigation: investigating and describing micro-habitats.</p>	<p>Theme: London Calling Subject Driver: Geography Objectives: Gather and record data to help answer simple questions.</p> <p>Main Investigation : Weather data.</p>
Year 3	<p>Theme: Rainforest Rescue Subject Driver: Geography Objectives: To recognise variety in sound. To use different types of scientific enquiry.</p> <p>Main Investigation: Classifying living things. Sound data logger – pitch and volume.</p>	<p>Theme: Stone Age Subject Driver: Art Objectives: Gather, record, classify and present data.</p> <p>Main Investigation: Working scientifically experiments – floating orange, floating egg.</p>	<p>Theme: Food Glorious Food Subject Driver: Science Objectives: Fair testing, comparative testing, systematic observations, recording findings.</p> <p>Main Investigation : Teeth enamel investigation.</p>	<p>Theme: Egyptology Subject Driver: History Objectives: To report on enquiries, oral and written explanations, drawing conclusions.</p> <p>Main Investigation: What mummifies an orange best?</p>	<p>Theme: The Rise of the Robots Subject Driver: Science Objectives: Identify similarities and changes related to simple scientific processes.</p> <p>Main Investigation: Circuits, conductors and insulators.</p>	<p>Theme: Spy Kids Subject Driver: Science PSHE core theme: 1, 2 Objectives: Children will learn about managing change. To learn about what positively and negatively affects their physical, mental and emotional health. To recognise and challenge stereotypes.</p>
Year 4	<p>Theme: Hail Caesar Subject Driver: History Objectives: Setting up enquiries and fair tests.</p> <p>Main Investigation: Testing different surfaces for chariots.</p>	<p>Theme: Chembakoli Subject Driver: Geography Objectives: Observations, drawing conclusions.</p> <p>Main Investigation: Evaporation and condensation.</p>	<p>Theme: Yellow Brick Road Subject Driver: Science Objectives: Systematic observations, measuring accurately, fair testing, recording data, variables. Main Investigation: Thermal insulators.</p>	<p>Theme: Terrible Tudors Subject Driver: History Objectives: To know about skeletons and muscles,</p> <p>Main Investigation: measuring body parts.</p>	<p>Theme: Save the Planet Subject Driver: Science/DT Objectives: Recording findings, using labelled diagrams and bar charts.</p> <p>Main Investigation: Magnetism and recycling.</p>	<p>Theme: How does your garden grow? Subject Driver: Science Objectives: Asking questions, drawing conclusions, using results,</p> <p>Main Investigation: Growing seeds.</p>
Year 5	<p>Theme: Long Live the Queen Subject Driver: History Objectives: Test results to make predictions / fair testing. Reporting findings.</p> <p>Main Investigation: Making and testing circuits.</p>	<p>Theme: Masterchef Subject Driver: DT Objectives: Planning a test, developing scientific enquiries to answer questions. Recording data, using tables and line graphs.</p> <p>Main Investigation:</p> <p>Main Investigation: Does the amount of moisture affect mould growth?</p>	<p>Theme: Mad mixtures Subject Driver: Science Objectives: Repeating measurements/ controlled variables. Taking accurate measurements.</p> <p>Main Investigation: Dissolving experiments.</p>	<p>Theme: Heartbeat Subject Driver: Science Objectives: repeating measurements, using scientific findings to make predictions, fair testing.</p> <p>Main Investigation: Pulse rate investigation.</p>	<p>Theme: Creeping Coasts Subject Driver: Geography Objectives: Making skilled observations. Asking scientific questions.</p> <p>Main Investigation: Life cycles of mammals.</p>	<p>Theme: Ancient Greeks Subject Driver: History Objectives: revising all scientific skills using experiments.</p> <p>Main Investigation : variety</p>

Year 6	<p>Theme: Tales of the Thames Subject Driver: Geography Objectives: Classifying living things.</p> <p>Main Investigation: Recording data, using classification trees.</p>	<p>Theme: To Infinity and Beyond Subject Driver: Science Objectives: Recording observations, to know about Earth and space.</p> <p>Main Investigation: recording shadows throughout the day, making models of the moon orbiting Earth.</p>	<p>Theme: Your Country Needs You Subject Driver: History Objectives: Planning to answer simple questions.</p> <p>Main Investigation: Investigate which material is best to reflect / block light.</p>	<p>Theme: To boldly go! Subject Driver: History Objectives: To know about forces.</p> <p>Main Investigation: Investigate forces in water. Setting up fair tests.</p>	<p>Theme: Lights, Camera, Action Subject Driver: Art Objectives: To know about forces</p> <p>Main Investigation: To continue investigating forces.</p>	<p>Theme: Back to the Future Subject Driver: Science Objectives: To know about evolution and inheritance.</p> <p>Main Investigation: To identify scientific evidence that has been used to support these ideas.</p>
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