

Year 5 Long Term Plan

	<i>Autumn 1 America</i>	<i>Autumn 2 America</i>	<i>Spring 1 Earth and Space</i>	<i>Spring 2 Earth and Space</i>	<i>Summer 1 Invaders and Settlers</i>	<i>Summer 2 Invaders and Settlers</i>
<i>Literacy</i>	Novel: Holes Key Genres: - Persuasive - Newspapers - Compare film/book. WC 10 th Oct – Book Week	Novel: The 18 th Emergency Key Genres: - Stories from other cultures - Geography based writing. - Information texts	Novel: Non-fiction texts Key Genres: - Instructional texts - Explanations texts - Persuasive writing	Novel: The Piano Non-fiction texts Key Genres: - Reports - Poetry - Writing based around a short film (the Piano)	Novel: King Arthur Key Genres: - Myths and legends - Poetry - Drama	Novel: The Hobbit Key Genres: - Descriptive writing - Fantasy stories
<i>Mathematics</i>	Number – place value Number – addition and subtraction	Number – multiplication and division Statistics White Rose Assessment	Number – fractions Number – decimals	Number - decimals (part 2) Number – percentages White Rose assessment	Geometry – angles Geometry – shape Geometry – position and direction Measurement – converting units	Number – Prime numbers Perimeter and area Measures - volume. White Rose assessment
<i>Science</i>	<p>Properties and changes of materials Reversible changes</p> <ul style="list-style-type: none"> Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through 	<p>Properties and changes of materials Irreversible changes</p> <ul style="list-style-type: none"> Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda. 	<p>Earth and Space</p> <ul style="list-style-type: none"> Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth 	<p>Science Week Earth and Space</p> <ul style="list-style-type: none"> Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the Sun across the sky. 	<p>Forces: Friction</p> <ul style="list-style-type: none"> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. 	<p>Living things and their habitats (including sex education)</p> <ul style="list-style-type: none"> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.

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	<p>filtering, sieving and evaporating</p> <ul style="list-style-type: none"> • Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic • Demonstrate that dissolving, mixing and changes of state are reversible changes 					
<i>Art and Design</i>	<p>Sketching Shading (to master technique)</p>	<p>Henri Rousseau (Maya) (Inspiration from greats)</p>	<p>Abstract Art Peter Thorpe</p>		<p>Art Week Sewing</p>	<p>Viking Boats</p>
<i>Computing</i>	<p>To communicate – to be able to use a variety of programs to produce documents for a purpose.</p>	<p>To collect Links with statistics work in maths – using excel and other data collection programs.</p>	<p>E-Safety/To connect Emails Internet Safety Day (7th Feb)</p>	<p>To code – Logo, Bee-bots, pro bots, Scratch</p>	<p>To communicate – stop start motion</p>	<p>To Code – continue scratch program.</p>
<i>Design and Technology</i>		<p>Baking Biscuits</p>	<p>Baking</p>		<p>Sewing</p>	<p>Health Week – Food project. Viking boats</p>

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<i>Geography/ History</i>		<p>To locate the world's countries, using maps to focus on North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.</p> <p>To identify the position and significance of the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</p> <p>To understand geographical similarities and differences through the study of human and physical geography of a region within North or South America</p>			<p>To name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time</p>	<p>Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire Scots invasions from Ireland to north Britain (now Scotland) Anglo-Saxon invasions, settlements and kingdoms: place names and village life Anglo-Saxon art and culture Christian conversion – Canterbury, Iona and Lindisfarne</p> <p>Viking raids and invasion Resistance by Alfred the Great and Athelstan, first king of England Further Viking invasions and Danegeld</p>
<i>Music</i>	Violas (Vanessa) Tuesday pm – PPA)	Violas (Vanessa) Tuesday pm – PPA)	Violas (Vanessa) Tuesday pm – PPA)	Violas (Vanessa) Tuesday pm – PPA)	Violas (Vanessa) Tuesday pm – PPA)	Violas (Vanessa) Tuesday pm – PPA)
<i>PE</i>	Sport - Invasion Games Real PE - Mixture of units	Sport - Rugby (Rhinos) Real PE - Mixture of units	Sport - Dance Real PE - Mixture of units OAA - Robin Wood	Sport - Basketball Real PE - Mixture of units	Sport - Athletics Real PE - Mixture of units	Sport - Mini Tennis (Miss O'Brien) Real PE - Mixture of units
<i>PHSCE</i>	New beginnings	Getting on and falling out WC – 14 th Nov Anti-Bullying Week	Going for goals	Good to be me	Relationship	Changes
<i>RE/Christian Value</i>	Christian Value – Thankfulness Moses	Christian Value – Friendship Ways of life	Christian value – Trust Jesus	Christian value – Forgiveness Judaism	Christian Value – Peace Bible	Christian value – Courage Church