

## Year 5 Long Term Planning 2024-2025

Y5	Vikings		Mountains		Baghdad c. AD900	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>WRITING</b>	Poetry (Kenning)  Non-Chronological report (The Night Zoo)  Narrative – Opening (Wing)	Persuasive advert (Viking Long Houses)  Letter – Job application (Shackletons Journey)  Diary entry (Shackleton’s Journey)	Narrative – character/setting description (Highwayman)  Informal letter (Highwayman)  Narrative – cliff hanger (Ocean Maker – Literacy Shed)	Instructions (Everest)  Narrative – first person dilemma (Everest)  Part of a narrative (Ten Tiny Word Tales – The Fisherman’s catch)	Formal letter of complaint (Residential)  Biography (Famous Person)  Part of a narrative (Ten Tiny Word Tales)	Argument/Debate (Zoos)  Poetry (My Heart is a Volcano)  Persuasive leaflet (Visit Baghdad)
<b>READING</b>	The Song from Somewhere Else by AF Harrold  The Promise by Nicola Davies	Curiosity: The Story of Mars Rover by Markus Motum  Cloud Busting by Malorie Blackman	Town is by the Sea by Joanne Schwartz & Sydney Smith  Floodland by Marcus Sedgwick	The Unforgotten Coat by Frank Cottrell-Boyce	One Million Insects by Isabel Thomas  Chasing the Stars by Malorie Blackman	Race to the Frozen North by Catherine Johnson
<b>MATHS</b>	Decimal fractions  Money  Negative numbers	Negative numbers  Short multiplication  Short division	Area and scaling  Measure  Calculating with decimal fractions	Calculating with decimal fractions  Volume  Factors, multiples and primes	Fractions	Fractions  Converting units  Angles
<b>SCIENCE</b>	<b>Physics- Earth and space</b>  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	<b>Physics- Forces</b>  Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object	<b>Chemistry- Properties and changes in materials</b>  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		<b>Biology-Animals including humans</b>  Describe changes as humans develop to old age	<b>Biology- Living things and their habitats</b>  Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird

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	<p>Describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p>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>	<p>Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>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</p> <p>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>		<p>Describe the life process of reproduction in some plants and animals</p>
<b>COMPUTING</b>	<p><b>Unit 5.2</b> Online safety</p> <p>Safety Squad resources</p>	<p><b>Unit 5.1</b> Coding</p>	<p><b>Unit 5.3</b> Spreadsheets</p>	<p><b>Unit 5.4</b> Databases</p>	<p><b>Unit 5.5</b> Game Creator</p> <p><b>Unit 5.6</b> 3D Modelling</p>
<b>HISTORY</b>		<p>Britain's settlement by the Anglo-Saxon and Scots and the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.</p>		<p>Britain's settlement by the Anglo-Saxon and Scots and the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.</p>	<p>A non-European society that provides contrasts with British history; a study chosen from Early Islamic Civilization.</p>

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<b>GEOGRAPHY</b>	Mountains Volcanoes and earthquakes The hills of the United Kingdom Snowdonia Comparisons with other mountainous regions of the world including The Alps and The Rockies.		Mountains Volcanoes and earthquakes The hills of the United Kingdom Snowdonia Comparisons with other mountainous regions of the world including The Alps and The Rockies.		Locational knowledge where it was, why there, route through mountains for the Silk Road
<b>D.T</b>		<b>Food Technology – Mince Pies</b> The rubbing in method, pastry evaluation for decision making, topping design and evaluate their product	<b>Alarm systems</b> How more complex electrical circuits and components can be used to create functional products  Identify the needs, wants, preferences and values of particular individuals and groups		<b>Constructing a Baghdad house</b>
<b>ART</b>	<b>Drawing Viking artefacts</b>  Focusing on the effect of light on objects and people from different directions and Interpret the texture of a surface using different media (pencil, pen) and techniques such as cross-hatching.	<b>Colour - Digital art front covers</b>  Search and find a picture of a Viking artefact for example. Import into an MSWord document and use the colour and artistic effects. Discuss choosing colour for a purpose and use of texture.	<b>Drawing – Mountains</b> using perspective  <b>Colour – Mountains</b> use coloured pencil crayons  <b>Colour – Mountains</b> pastels (modern and traditional) inspired by Georgia O’Keefe  Artist – Georgia O’Keefe		<b>Form and Texture (clay)</b> Create a clay pot and add relief to it in the form of Islamic patterns – Golden Age of Baghdad.  <b>Arabesque and Calligraphy</b>  Artists – History of art

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<b>MUSIC</b>		Unit 3: Life Cycles		Unit 5: At the Movies		Unit 6: Celebration
<b>MFL</b>	All about myself		My family		The classroom	
<b>PHYSICAL EDUCATION INDOOR</b>	Health Related Fitness	Boccia	PS Gymnastics- Partner Work- Under and Over	Gymnastics- Matching, Mirroring and Contrast	Dance – through the ages	
<b>PHYSICAL EDUCATION OUTDOOR</b>	Football	Netball	Basketball and OAA	Tag Rugby	Rounders/Swimming	Athletics/Cricket
<b>RELIGIOUS EDUCATION</b>	Religion: Hinduism  Key question: What is the best way for a Hindu to show commitment to God?	Religion: Christianity  Key question: Is the Christmas story true?	Religion: Hinduism  Key question: How can Brahman be everywhere and in everything?	Religion: Christianity  Key question: How significant is it for Christians to believe that God intended Jesus to die?	Religion: Hinduism  Key question: Do beliefs in Karma, Samsara and Moksha help Hindus lead good lives?	Religion: Christianity  Key question: Does belief in the Trinity help Christians make better sense of God as a whole?
<b>PSCHE</b>	What makes up a person's identity? Stereotypes, differences, respect.	What decisions can people make with money? keeping track, choices and risks	How can we help in an accident or emergency? basic first aid, seeking help, emergency services	How can friends communicate safely? social media, recognising risks, seeking help	What jobs would we like? career opportunities, skills and attributes, stereotypes	How will we grow and change? puberty, menstruation, hygiene, seeking help
<b>VISITS</b>	Viking visitor		Residential to the Conway Centre			