

## Long Term Curriculum Overview – Rowan Class Y4/5 (2020-2021)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme/ Key Q	Vikings: Raiders or Traders? (Vikings v Anglo-Saxons – the struggle for England)		How mighty are mountains?		What did the Greeks do for us?	
Hook	History Box (Hampshire wardrobe) Visitor (re-enactor)		Drama Role play – Life in the mountains		The myths of Ancient Greece	
Outcome	Living museum for parents/carers		Documentary style film		A live theatre performance	
Enrichment	• Sea City Museum		• Marwell Zoo		Visit to Theatre Royal	
Text Drivers (Termly)	Monster Slayer: A Beowulf Tale Brian Patten		When the Mountains Roared Jess Butterworth		The Greek Myths	
English	<b>RECOUNT/INFORM</b> -Newspaper article to inform and report  <b>ENTERTAIN</b> - Poetry and Anglo-Saxon riddles (Kenning Poems/ Book of Exeter)	<b>PERSUADE</b> - Poster to persuade  <b>ENTERTAIN</b> - A Viking saga story (involving descriptive narrative)	<b>RECOUNT</b> - Diary entry  <b>PERSUADE</b> - Formal letter to inform/persuade	<b>REPORT/INFORM</b> - Write a report in the form of a tourism leaflet  <b>INFORM</b> - Biography of conservationist/naturalist	<b>DISCUSSION</b> -Write a balanced discussion presenting two sides of an argument  <b>ENTERTAIN</b> - Descriptive narrative myth to entertain	<b>REPORT</b> -Research, write and present a report  <b>ENTERTAIN</b> Script writing for a Greek play
Maths	White Rose Maths Number- Place Value Number- Addition and subtraction	White Rose Maths Number- Multiplication and Division Measurement- Length and perimeter	White Rose Maths Number- Multiplication and division Measurement -Area and volume	White Rose Maths  Fractions Decimals	White Rose Maths  Money Percentages Measurement: Time and converting units	White Rose Maths Geometry /properties of shape Geometry –Position and direction

Science	<p><b>Forces (Y5)</b></p> <ul style="list-style-type: none"> <li>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</li> <li>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> <li>recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</li> </ul> <p><b>States of Matter (Y4)</b></p> <ul style="list-style-type: none"> <li>compare and group materials together, according to whether they are solids, liquids or gases</li> <li>observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</li> <li>identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</li> </ul>	<p><b>Living things and their habitats</b></p> <ul style="list-style-type: none"> <li>recognise that living things can be grouped in a variety of ways</li> <li>explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</li> <li>recognise that environments can change and that this can sometimes pose dangers to living things.</li> <li>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</li> <li>describe the life process of reproduction in some plants and animals.</li> </ul> <p><b>Animals including humans</b></p> <ul style="list-style-type: none"> <li>describe the simple functions of the basic parts of the digestive system in humans</li> <li>identify the different types of teeth in humans and their simple functions</li> <li>construct and interpret a variety of food chains, identifying producers, predators and prey.</li> <li>describe the changes as humans develop to old age.</li> </ul>	<p><b>Earth and Space (Y5)</b></p> <ul style="list-style-type: none"> <li>describe the movement of the Earth, and other planets, relative to the Sun in the solar system</li> <li>describe the movement of the Moon relative to the Earth</li> <li>describe the Sun, Earth and Moon as approximately spherical bodies</li> <li>use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</li> </ul> <p><b>Properties and Changes in Materials Y5</b></p> <ul style="list-style-type: none"> <li>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</li> <li>know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</li> <li>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</li> <li>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</li> <li>demonstrate that dissolving, mixing and changes of state are reversible changes</li> <li>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.</li> </ul>
Science - Longitudinal study	<p><b>Longitudinal Study:</b> If left for long enough, will a tub of water become a new school pond?</p> <ul style="list-style-type: none"> <li>Children explore the idea of what makes a pond</li> <li>Children asked to plan an experiment to test the question</li> <li>Children decide what aspects to explore and measure (including the creation of controls)</li> <li>Children need to carry out regular investigations to monitor and record the progress of each site</li> <li>Children to complete final report explaining results and findings.</li> </ul>		
Computing <i>All units contain E-safety elements.</i>	Why do devices need to be controlled and how inputs and outputs relate to that control; create algorithms (flowcharts, blocks) in various applications	What is the Internet? Create a quiz using hyperlinks in MS PowerPoint. Use the Internet to sort and collect information	Research the history of computing. How can data of various types be represented and manipulated digitally using binary digits.

<b>Geography</b>	<b>Southampton – Gateway to the World</b> Why did Southampton become a successful port? How did the economy of Southampton change through time? What is the human impact on the geography of Southampton?		<b>How do mountains form?</b>  <b>What affects the weather in the mountains?</b>  <b>What is the main economy in the European mountain areas – e.g Alps?</b>		<b>Greece - A modern country</b> A study of modern Greece, including: Location Weather Population Economy Land Use Differences/Similarities v Britain	
<b>History</b>	<b>Vikings vs Anglo-Saxons</b> Why did both peoples invade? Co-existence or constant struggle? How did both groups shape modern Britain? How great was Alfred?				<b>What did the Greeks do for us?</b> A study of Greek achievements and their influence on the Western World, including Olympics, Inventions and Astronomy	
<b>Art</b>	Self-portrait Anglo-Saxon runic art	Illuminated manuscripts	Painting/sketching mountain landscapes	Painting / Drawing Animal Studies - George Stubbs/Rousseau	Greek Sculpture – the human form	Greek Art - ‘Black-figure’ technique
<b>DT</b>	<b>Viking Longboats</b> Why were the Vikings such good seafarers?		<b>Weather stations</b> Choose how to monitor and measure a specific form of weather – e.g. wind or rain		<b>Inventions</b> Design and build inventions that could change the world	
<b>RE</b> (Understanding Christianity and Living Difference)	Islam Umma (community) Hajj and zakat	UC: Gospel 2b.5 What would Jesus do?	<b>UC: Salvation 2b.6</b> What did Jesus do to save human beings?		Islam Peace Revelation of the Qu-an, Ramadan and Sawm	UC: Kingdom of God 2b.8 What kind of king is Jesus?
<b>PE</b>	Athletics Jumping techniques Running techniques Throwing techniques	Hockey Control and pass accurately Dribble the ball at speed and around obstacles Learn attack and defence tactics	Football Control a moving ball Pass accurately over different distances Shoot with power and precision	Fitness/ Circuits Understand how to improve my fitness Improve my skills across a number of disciplines Create my own ‘circuits’ to improve my fitness and skills	Cricket Catch with two/one hand Hit a ball accurately and with control. Bowl with a straight arm	Athletics Jumping techniques Running techniques Throwing techniques
<b>Music</b>	Body Rhythms	Recorder	Recorder/Compositions		Recorder / Reading music	
<b>PSHE</b> (SCARF)	Me and my relationships	Valuing difference	Keeping myself safe	Rights and Responsibilities	Being my Best	Growing and changing
<b>French</b> (Eurostars)	Numbers Preferences (hobbies, pets) ‘er’ verb conjugations Christmas (Eurostars 1)		Numbers 1-100 Months Seasons and Weather* Days + Daily routines / hobbies Birthdays (Eurostars 2)		School Day – Subjects / Clothes  (HB Year 6 booklet)	