

Long Term Curriculum Overview - Rowan Class Y4/5 (2019-2020)

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme/ Key Q	Britain Under Attack! (The Roman Empire and its impact on Britain)		What makes the Earth Angry? (Iceland and Weather Watchers)		What do we mean by the Circle of Life? (Life Cycles)	
Hook	History Box (Hampshire wardrobe) Visitor (re-enactor)		Climate change and how we shape our weather (Greta Thunberg)		Letter from Head teacher	
Outcome	Living museum for parents/carers		Lap book / computing weather watchers		The life cycle of a butterfly project	
Enrichment	<ul style="list-style-type: none"> Winchester City Museum 		<ul style="list-style-type: none"> Winchester Science Centre 		<ul style="list-style-type: none"> School Pond/ Wildlife area Butterfly Reserve - Winnall 	
Text Drivers (Termly)	Eagle of the Ninth Rosemary Sutcliff		Song of the Dolphin Boy Elizabeth Laird		Beetle Boy MG Leonard	
English	TO INFORM -Biographical account based on research to inform TO ENTERTAIN - Read, write and perform poetry - Recite familiar poetry by heart TO INFORM - Research a particular poet - Personal response to poetry	TO INSTRUCT /INFORM -Detailed instructions to inform TO PERSUADE - Advert to persuade - Letter to persuade TO INFORM - Newspaper article to entertain/inform	TO EXPLAIN - Explanation text regarding weather TO INFORM/ PERSUADE - Formal letter to inform/persuade	TO INFORM - Write a report in the form of a leaflet TO PERSUADE - Poster to persuade	TO DISCUSS /INFORM -Write a balanced discussion presenting two sides of an argument TO ENTERTAIN /DESCRIBE - Descriptive narrative to entertain	TO INFORM -Research, write and present a report for a specific audience and purpose TO ENTERTAIN - Diary extract to entertain TO ENTERTAIN/ INFORM - Create a quiz to inform

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>Forces (Y5) catapults</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 objectidentify the effects of air resistance, water resistance and friction, that act between moving surfacesrecognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. <p>States of Matter (Y4)</p> <ul style="list-style-type: none">compare and group materials together, according to whether they are solids, liquids or gasesobserve 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)identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.		<p>Earth and Space (Y5)</p> <ul style="list-style-type: none">describe the movement of the Earth, and other planets, relative to the Sun in the solar systemdescribe the movement of the Moon relative to the Earthdescribe the Sun, Earth and Moon as approximately spherical bodiesuse the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. <p>Properties and Changes in Materials Y5</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 magnetsknow that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solutionuse knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporatinggive reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plasticdemonstrate that dissolving, mixing and changes of state are reversible changesexplain that some changes result in the formation of new materials, and that this kind		<p>Living things and their habitats</p> <ul style="list-style-type: none">recognise that living things can be grouped in a variety of waysexplore and use classification keys to help group, identify and name a variety of living things in their local and wider environmentrecognise that environments can change and that this can sometimes pose dangers to living thingsdescribe the differences in the life cycles of a mammal, an amphibian, an insect and a birddescribe the life process of reproduction in some plants and animals. <p>Animals including humans</p> <ul style="list-style-type: none">describe the simple functions of the basic parts of the digestive system in humansidentify the different types of teeth in humans and their simple functionsconstruct and interpret a variety of food chains, identifying producers, predators and prey.describe the changes as humans develop to old age.	

			of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.			
Computing (Computing)	We are co-authors: Produce a Wiki	We are HTML editors: Editing and writing HTML	We are meteorologists: Presenting the weather	We are musicians: Producing digital music	We are software developers: Developing an Interactive Game	We are toy designers: Prototyping an interactive toy
Geography	The Romans in Britain (Human Geography) Why did the Romans settle in Britain? How did they choose where to build towns/settlements? How important was trade to the Romans? The Romans in Sparsholt		Why do different locations have different weather? Why do volcanoes erupt and earth quakes shake? Where would you live if you could choose anywhere? How have humans shaped and used our local area?			
History	The Roman Empire and its impact on Britain What is an empire? Why was the Roman Army so successful? What was life in Britain like under Roman Rule? What was/is the Roman legacy in Britain?					
Art	Self-portrait Design and paint roman shields	Textiles and mosaics	Painting and sketching landscapes	Printing Drawing	Sketching and Sculpture	Collage Andy Goldsworthy
DT	Catapults- Push- pull forces Children to make their own catapults and understand what makes them more/less effective (Linked to Science)		Weather stations Choose how to monitor and measure a specific form of weather - e.g. wind or rain		Bug hotels and bird feeders How do we design shelters that appeal to insects and wildlife	

RE (Understanding Christianity and Living Difference)	WR: Islam Theme: Ritual	<i>Gospel: (UC 2a.4)-</i> What kind of world did Jesus want?	<i>Incarnation: was Jesus the Messiah?</i> (UC: Upper KS2-2b.4)	<i>(UC 2a.5)</i> Salvation: Why do Christians call the day Jesus dies Good Friday?	WR: Islam Theme: Peace	Creation and Science: conflicting or complimentary? (UC 2b.2)
PE	Football <ul style="list-style-type: none"> Hit a ball accurately and with control. Keep possession of the ball. 	Movement <ul style="list-style-type: none"> Work in a controlled way. Create a gymnastic sequence with at least three phases. 	Tag Rugby <ul style="list-style-type: none"> Vary tactics and adapt skills Catch and throw accurately 	Fitness/ Circuits <ul style="list-style-type: none"> Understand how to improve my fitness Use a variety of skills 	Rounders/cricket <ul style="list-style-type: none"> Catch with one hand Hit a ball accurately and with control. 	Athletics <ul style="list-style-type: none"> Run over a long distance. Sprint over a short distance.
Music	<ul style="list-style-type: none"> Use instruments and voices with increasing accuracy, fluency, control and expression 		<ul style="list-style-type: none"> Improvise and compose music for a range of purposes 		<ul style="list-style-type: none"> Play and perform in solo and ensemble contexts Carnival of the Animals 	
PSHE (SCARF)	Me and my relationships	Valuing difference	Keeping myself safe	Rights and Responsibilities	Being my Best	Growing and changing
French (Eurostars)	Tell me a story Learning how to describe aspects of daily life - school and home. Describe themselves.	Pocket money Counting numbers How to earn and spend pocket money.	All aboard Modes of transport Visiting new places	What's the weather like? Describe today's weather What to wear	The carnival of animals Meet your pet Visiting the zoo/visiting the farm	Our sporting lives What's your favourite sport? Sporting equipment