

## Year 5 Curriculum Overview - Spring Term 1 - 2024

### Whole School Theme: OUR PLANET

**Central Idea: Extreme natural events and disasters impact our world**

<u>Skills</u>		
<b>Research</b>  Formulating questions, Observing, Planning, collecting data, recording data, organising data, interpreting data, presenting findings	<b>Communication</b>  Listening, Speaking, Reading, Writing, Viewing, Presenting, Non-verbal communication,  Digital understanding	<b>Self-Management</b>  Gross motor skills, Fine motor skills, Spatial awareness, Organisation, Time management, Safety, Healthy Lifestyle, Behaviour, Informed choices, Work ethic
<b>Social, Diversity and Inclusion</b>  Accepting responsibility, Group decision making, adopting a variety of group roles, respecting others, resolving conflict, Cooperating and collaborating, Social responsibility, Global awareness, Leadership	<b>Critical and Creative Thinking</b>  Knowledge acquisition, Comprehension, Application, Analysis, Synthesis, Evaluation, Divergent thought, Metacognition	<b>CONCEPT:</b>  <b>CONSERVATION</b>

Maths	English	Science	History
<p><b>Number – Number and Place Value:</b> Read, round, order and compare numbers up to 1,000,000.</p> <p><b>Number – Addition and Subtraction, Multiplication and Division:</b> Add and subtract whole numbers with five and six digits and decimals to two places. Use the formal written method of short division to calculate HTO / O, expressing the remainder as a fraction and a decimal.</p> <p><b>Geometry – Properties of shapes:</b> Know angles are measured in degrees: estimate, compare and measure with a protractor acute, obtuse and reflex angles. Draw given angles and measure them in degrees.</p> <p><b>Number – Fractions:</b> Compare, order, add and subtract fractions whose denominators are all multiples of the same number. Recognise and use thousandths and relate them to tenths and hundredths.</p> <p><b>Measurement (length):</b> Convert between different units of metric measure (Km to m; cm to mm, cm to m). Understand and use approximate equivalences between metric units and common imperial units such as inches.</p>	<p><b><u>This half-term we will be focusing on Non-Fiction writing</u></b>  Children will:  Learn how to participate in formal debates.  To write Newspaper articles  To write persuasively  To write an adventure story based on traditional tales from other cultures</p> <p>We will also complete a small project for English week.</p> <p><b><u>READING PROGRESSION:</u></b> continue to read a range of fiction, poetry, plays, non-fiction and reference books identifying themes and conventions by asking question to improve understanding. Continue to draw inferences such as inferring characters' feelings, thoughts and motives from their actions and justifying inferences with evidence.  Continue to identify how language, structure and presentation contribute to meaning. Recommend books and justify choices.  <b><u>WRITING PROGRESSION:</u></b> continue to plan, draft and edit writing identifying audience for and purpose of the writing. Boys will develop initial ideas, drawing on reading and research where necessary. Select appropriate grammar and vocabulary understanding how such choices can change and enhance meaning. They will assess the effectiveness of their own and others' writing proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning, ensuring correct use of tense throughout a piece.  <b><u>SPELLING, LANGUAGE AND GRAMMAR:</u></b>  Continue to plug away at using accurate</p>	<p>Year 5 are going to be investigating the impact that the destruction of the rainforests and the reduction of pollinators is having on the world.</p> <p>Through the investigation the children will study:</p> <ul style="list-style-type: none"> <li>• Plant and insect life cycles</li> <li>• Plant Reproduction</li> <li>• Pollination</li> <li>• Photosynthesis</li> </ul> <p>Pupils will learn about each area of the unit conducting observations and linking their learning to the importance of these living things for our own existence.</p>	<p><b>This half term children will study Geography as part of the Theme of Investigation 'Our Planet'.</b></p>

	punctuation, spelling and language. Continue to ensure understanding and recognition of grammatical terminology.		
Geography	Computer Science	Music and Drama	PE and Games
<p><b>Extreme Natural Events and Disasters: with a focus on Volcanoes and Earthquakes</b></p> <p>Describe and understand what extreme natural events are and learn the key aspects of earthquakes and volcanoes.</p> <p>Understand how tectonic plates work and identify the layers of the Earth.</p> <p>Draw and label the key parts of a volcano.</p> <p>Consider the effects felt at the surface of the Earth when tectonic plates move.</p> <p>Gain an understanding of life in an earthquake and volcano zone and become familiar with the precautions and preparations required.</p>	<p><b>How can we use our knowledge of office to record and present information effectively?</b></p> <p>Children will be focusing on how to use the Office suite effectively.</p> <p>They will begin to understand how to effectively navigate EXCEL in order to create spreadsheets that may use simple formula To evaluate spreadsheets on the clarity and simplicity of use.</p> <p>To understand the difference between structured and unstructured data.</p> <p>To explore basic data visualisation options in EXCEL</p> <p>To understand what makes a website reliable and how we can judge the reliability of a website</p> <p>To go over basic E-Safety principles</p>	<p><b>Music:</b></p> <p>Ten Pieces Project- We will be looking at the BBC Ten pieces which aims to introduce classical music to children. We will use different performing and compositional techniques using the pieces as stimulus.</p> <p><b>Drama:</b></p> <p>Students will explore the dramatic form of Puppetry.</p>	<p><u><b>Health &amp; Exercise</b></u></p> <p>How to be healthy.</p> <p>The importance of exercise.</p> <p>Looking at specific bones and muscles in the body.</p> <p>How can you develop your strength/stamina?</p> <ul style="list-style-type: none"> <li>- Cardiovascular Testing</li> <li>- Strength Training</li> <li>- Interval Training</li> </ul> <p>Introduction of circuit training – Upper and lower body stations.</p> <p>How can you compare your performances to previous ones and try and improve?</p> <p>How can you challenge yourself to beat your personal best (PB)?</p> <p><b>Rugby:</b></p> <p>1.Knowledge of how to safely apply full-contact skills in order to limit the chance of injury to themselves or others.</p> <ul style="list-style-type: none"> <li>- How to tackle, ruck, maul and scrum effectively and safely in a game situation.</li> </ul>

<p>Complete research on a case study of a natural disaster and consider the impact on the world. Children will consider whether extreme events and disasters have increased in recent years and whether there is a link to climate change?</p> <p>Children to consider what actions they can take in the form of a climate pledge. They will work in teams to collect research and present their information. One team may be chosen to take part in the Climate Summit at the start of next term.</p>			<p>2. Gain confidence with skills in order to fully apply them to competitive situations.</p> <p>- Demonstrate a variety of passes to overcome a defensive line.</p> <p>3. Develop new contact skills and approaches in order to overcome opponents and improve performance.</p> <p>- Be able to run with the ball at pace to dodge/feint round defenders.</p> <p>4. Develop knowledge of the sport and rules in order to fully apply skills to games.</p> <p>- Pupils will develop the ability to outwit opponents and teams using strategies and tactics.</p> <p>Apply skills in game play to demonstrate understanding and level of performance.</p> <p>To develop an understanding of team structures / playing positions.</p>
French	PSHEE	Art and Design	Religious Studies
<p>‘La Fête des Rois’ (The Festival of Kings)</p> <ul style="list-style-type: none"> <li>- We will be learning about this lovely French tradition, which takes place during Epiphany</li> <li>- We will study the story ‘T’choupi aime la galette’</li> </ul>	<p>New Year, New Goals (Setting &amp; achieving goals).</p> <p>What is better: to set a difficult goal and fail to reach it or an easy goal and succeed?</p> <p>Facing new challenges</p>	<p><b>‘Nature is a showcase of colour.’</b> Children will explore colour in nature and create a final gallery piece inspired by the natural world. They will explore oil pastels, soft pastels and water-coloured pencils and develop their skills in drawing with different medium.</p>	<p>Religious Studies will be a focus next half term, in the lead up to the Christian festival of Easter.</p>

<p>Le Jour de la Terre (Earth Day)</p> <p>- We will study the story ‘T’choupi aime la galette’</p> <p>- To be able to understand, say and write sentences on what you can do to help the environment</p>	<p>Should you always know what you want to achieve before you start?</p> <p>Looking at personal responsibility.</p> <p>How to manage set-backs and learn from mistakes/failure.</p> <p>Dream Jobs</p> <p>Jobs in other cultures</p>		
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