

Curriculum Overview - Year 6 Spring Term 1 - 2024

Whole School Theme: Our Planet

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

Maths	English	Science	History
<p>Number – Negative numbers and BODMAS solving negative number problems; order of operations</p> <p>Algebra – solving simple formulae, using algebra to continue and solve number sequences, building formulae and solving problems with unknowns and variables</p> <p>Geometry – Properties of shape</p> <p>Drawing 2-D shapes accurately, reasoning about shapes and angles, calculating vertically opposite angles and solving missing angle problems.</p> <p>Number – Multiplication and Division: Use formal written methods to estimate, calculate and check HTO x TO (e.g. 345 x 67). Multiply decimals by whole numbers.</p> <p>Measurement (mass): covert between grams, kilograms and tonnes, using decimals to 3 places; solve problems involving mass</p>	<p>This half-term we will be focusing on non-fiction writing including: To write formal business proposals. To work on Newspaper writing and look at native advertising. To write persuasively. To write biased and unbiased testimonials. To write a short, hyperbolic fictional story.</p> <p>READING PROGRESSION: 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. WRITING PROGRESSION: 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. SPELLING, LANGUAGE AND GRAMMAR: Continue to plug away at using accurate punctuation, spelling and language. Continue to ensure understanding and recognition of grammatical terminology.</p>	<p>In Science this term, linked to the ‘Our Planet’ theme we will be learning the science behind climate change.</p> <p>We will look at the following topics and through research and practical work aim to develop the pupil’s scientific knowledge and skills.</p> <ul style="list-style-type: none"> • Climate Change, Greenhouse Gases and Their Impact • The importance of Clean Electricity • Sustainable Transportation • Energy-efficient Buildings, heating and cooling. • Green Manufacturing and recycling • Sustainable Agriculture • Innovations and Solutions <p>Throughout the inquiry we will be considering how to develop our scientific skills of experimentation, research and observation.</p>	<p>What has already been done by our predecessors, how can we use the past to build on our work toward the future? Look at previous products that were created. Understand how they are sustainable and what makes a good product. Use their understanding of previous products and market research to decide on the most effective product. Look on the history of climate action and development of climate change from scepticisms to now.</p>

Geography	Computer Science	Music and Drama	PE and Games
<p>What are the problems in the environment and what can we do to change them?</p> <p>To find an area of the environment that you wish to target with your mission statement and pledge.</p> <p>To learn about the core COP26 goals</p> <ul style="list-style-type: none"> - Secure global net zero by mid-century and keep 1.5 degrees within reach - Adapt to protect communities and natural habitats - Work together to deliver - To mobilise finance <p>Calculate the environmental impact of the products that children create</p> <p>Understand whether it is a sustainable business model and what this means.</p> <p>To understand what a carbon footprint is and how it will impact your product.</p> <p>Look at how your donation will impact your chosen charity</p>	<p>How can we create an effective business and marketing plan?</p> <p>To begin to produce promotional materials and surveys to be filled out using the office suite.</p> <p>To learn how to use Word and Powerpoint/Publisher ever more fluently.</p> <p>Use Excel to complete a profit and loss statement.</p> <p>To know how to use Excel to execute simple formulas, tables and begin to work on data visualisation.</p> <p>To explore how an online presence can be created using code/products which allow for simple website building to be completed.</p>	<p>Music:</p> <p>Continue whole class ukulele lessons introducing new chords and how to read chords.</p> <p>Drama:</p> <p>Radio Show- developing skills of awareness and importance of timing and planning.</p> <p>Developing the use of the voice to communicate meaning and action.</p>	<p>Health & Fitness:</p> <p>To know the importance for good health and how we keep ourselves fit and healthy?</p> <p>To explain the effects exercise has on the body.</p> <p>To keep track of their reps during exercise.</p> <p>Describe why rest is important after exercise.</p> <p>Participate in a number of fitness related challenges;</p> <ul style="list-style-type: none"> - Cardiovascular Testing - Strength Training - Interval Training - Max Effort - Pyramid <p>Circuit Training – To plan and deliver their own.</p> <p>Evaluate and compare their performances to previous ones and try and improve?</p> <p>Rugby:</p> <p>Develop ability to complete physical warm ups based around rugby to help develop pupil's physical capacity.</p> <p>Pupils will develop the ability to outwit opponents and teams using strategies and tactics.</p>

			Pupils will further develop the fundamental principles of play when replicating core skills and movement needed.
French	PSHEE	Art and Design	Religious Studies
<p>'La Fête des Rois' (The Festival of Kings)</p> <ul style="list-style-type: none"> - We will be learning about this lovely French tradition, which takes place during Epiphany <p>Le Jour de la Terre (Earth Day)</p> <ul style="list-style-type: none"> - We will study the story 'T'choupi aime la galette' - To be able to understand, say and write sentences on what you can do to help the environment 	<p>Focus:</p> <p>Having the confidence to achieve your goals My dream job / Jobs in other cultures Self-motivation and resilience Respect Physical and Online Safety</p> <p>In addition to this In every week we will be covering topics of PSHE as they come up in daily learning. As well as embedding things like E-safety into our natural learning.</p> <p>This may take the form of an end of day discussion or forum for discussing specific issues, e.g. the consequences of smoking, or may have a wider impact, such as what makes us happy.</p> <p>Some of these areas will be covered in connection with our work on entrepreneurship as part of the enterprise project.</p>	<p>Creating CAMS in order to create movable products.</p> <p>'Nature is a showcase of colour.' 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>	