



Summer Term 2025 Curriculum Newsletter

YEAR 5

Welcome back! We hope you had a restful and enjoyable Easter holiday. We are excited to see you again for the final term of Year 5.

Literacy

We begin by exploring explanation texts based on the book *Lost Book of Adventure*, where children will develop their language choices to explain to their readers how to survive in various hostile environments. The children will then refine their persuasive skills by creating their own advertising campaigns. After half term, we will explore free verse poetry, inspired by the text *Cloud Busting*. The children will utilise their discussion skills to create a balanced argument when writing a review of media and other texts. We finish the year with the narrative *Birdsong*, which consolidates the children's learning in developing their use of complex sentences, figurative language, and a more nuanced approach to punctuation in order to engage their reader.

Mathematics

During this term, pupils will develop the ability to estimate, compare, and measure angles of various shapes. They will also learn to identify unknown angles, calculate the perimeter of shapes, and use both mental and written methods for mathematical operations. Additionally, pupils will work on solving complex problems that involve scaling by fractions and rates, and they will master the conversion of imperial and metric units. The term will also focus on enhancing skills in working with fractions, decimals, and percentages. Pupils will practise reading and interpreting timetables, calculating time durations accurately, recognising different types of polygons, including regular and irregular ones, and understanding the properties of rectangles. Furthermore, pupils will be exposed to real-world data analysis by solving problems using line graphs, interpreting information from various charts and tables, and engaging with Roman numerals.

Geography

This term, students will study volcanoes, exploring their formation, types, eruptions, distribution, and impact on the environment. Through activities and experiments, students will understand the significant role Volcanoes play in shaping the Earth's landscapes.

History

Throughout the term, Year 5 students will delve deeply into the fascinating topic of the Anglo-Saxons. They will immerse themselves in understanding the intricacies of the Anglo-Saxon migration patterns, the establishment of their kingdoms, and the far-reaching impact of the Vikings on this early English society.

Computing

3D modelling will allow students to design and manipulate three-dimensional objects, enhancing their understanding of spatial relationships. They will also learn to use concept maps, which enable the visual organisation of information. Children will access word processing platforms, such as Google Docs, to facilitate collaborative writing and encourage them to edit their own work. We will finish the year by incorporating Microbits into the curriculum, which introduces coding and its application to hardware.

Art

Students will study the sculptors Henry Moore and Alberto Giacometti, exploring both their work and lives. They will create observational sketches of human figures using charcoal, sketching pencils, and colouring pencils. Emphasis will be placed on accurate proportions and light and shadow effects. Students will analyse Moore's large-scale sculptures, focusing on mass, volume, materials, and gravity. Comparatively, they will investigate Giacometti's unique approach to sculpture. Through simple line sketches, students will explore different drawing styles inspired by Moore and Giacometti. They will also create human figures using pipe cleaners and tin foil based on photographs, reflecting on their work and influences.



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Design and Technology (DT)

Students will delve into the intricacies of chocolate production by exploring the key ingredients and processes involved. They will conduct tastings and evaluations to understand the sensory aspects of chocolate, gaining insight into its nutritional value and implications for a healthy, balanced diet. Students will engage in the design process to create a new chocolate bar, leveraging their knowledge of existing products to generate innovative ideas. They will articulate the purpose of their product and identify their target audience, ensuring that their design caters to specific preferences. By crafting a detailed recipe and ingredient list, students will demonstrate their consideration of appearance, taste, texture, and aroma, tailored to suit the intended audience. Following hygienic practices, they will prepare and assemble their chocolate bar before conducting taste tests and evaluations to refine their product further. Moreover, students will explore the impact of packaging on product presentation and preservation. By analysing existing packaging designs and designing their own, complete with unique branding and ingredient lists, they will understand how packaging influences consumer perception and product freshness.

Science

In Year 5, students will delve into the fascinating world of materials and their properties in science. They will explore why specific materials are utilised for jobs based on their unique characteristics. By comparing and categorising everyday materials according to properties such as hardness, solubility, transparency, conductivity (both electrical and thermal), and responsiveness to magnets, children will develop a deeper understanding of how materials are selected for different tasks. Through conducting comparative and fair tests, pupils will be able to justify the uses of various everyday materials such as metals, wood, and plastic. They will identify materials that dissolve in water and those that do not, recognising that even though dissolved solids are not visible, they remain within the solution. Additionally, students will learn about the processes of melting and dissolving, supporting their understanding with real-world examples. They will investigate the factors influencing the rate at which a solid dissolve and discover how to separate an undissolved solid from a liquid using filtration. Moreover, children will comprehend that a solid can be recuperated from a solution through evaporation and describe the properties of mixtures that can be separated via filtration. They will also explore various methods used for separating simple mixtures, elucidating that when solids dissolve, they disintegrate into particles small enough to pass through filter paper.

Physical Education (PE)

Year 5 will resume their weekly swimming lessons at the Laura Trott centre. We are lucky to have a sports coach from GC Sports who will teach the class this term. Our PE days are on **Monday and Wednesday**. Please ensure your child comes to school in their PE kit on these days.

Homework

Homework is still topic based and children will have various activities to complete over the course of the half term. Some of these will be creative, some will be online, and others may be written tasks.

Mr Bargery (**Class Teacher**)

Mr Dixon and Ms Kotara (**Teaching Assistants**)