



Autumn Term 2024 Curriculum Newsletter

YEAR 5

Welcome back to a new school year! We hope you had a restful and enjoyable summer holiday. We are excited to see you again!

Literacy

In our literacy lessons, we will delve into a diverse range of engaging topics. We begin the school year with the whole school text Hermerlin. Additionally, we will explore the intriguing realm of non-chronological reports through the theme of The World of the Unknown: Monsters - the Book of Mythical Beasts and Magical Creatures. Our focus on descriptive language will be enhanced through Cloud Tea Monkeys, allowing students to develop their skills in creating vivid and immersive imagery. Poetry will take centre stage with Cinquains, specifically exploring the emotive piece Where the Poppies Now Grow, giving students a platform to express their thoughts and feelings creatively. In our narrative writing sessions, students will engage with The Promise, a tale that will inspire their storytelling abilities and ignite their imaginations. Biographies will play a key role this term, with a spotlight on "Stone Girl, Bone Girl" and "Fantastically Great Women Who Changed the World; Women in Science," encouraging students to learn about remarkable individuals and their accomplishments in various fields.

Mathematics

We begin Year 5 working with place value of numbers up to 1,000,000 and decimal numbers up to 3 decimal places. This includes rounding, ordering and comparing. We build upon our learning in Year 4 on negative numbers into further problems and real-life contexts. Children will continue to multiply and divide whole and decimal numbers by 10, 100 and 1,000. We will also be identifying multiples, factors and common factors as well as prime and composite numbers.

Humanities (Geography and History)

We begin Year 5 by learning about the continent of North America. Pupils will be learning about the physical and human aspects of the vast continent and how it compares to the UK. After half term, we step back in time to learn about the Ancient Greeks. We learn about the culture and how society was for people living in that period.

Computing

This term, Year 5 will be covering the topics of **Coding**, **Online Safety** and **Spreadsheets**. Pupils will learn about writing efficient code to solve problems more effectively. They will also delve into simulating a physical system, exploring how computer simulations can replicate real-world scenarios. Decomposition and abstraction will teach students how to break down complex problems into smaller, manageable parts and focus on essential details. Friction and functions will introduce students to the concepts of friction in coding and the use of functions to optimise code structure. Introducing strings, text variables and concatenation will allow students to manipulate text data efficiently. Pupils will learn about their responsibilities and support when online, understanding how to navigate the digital world responsibly. They will also explore topics such as protecting privacy, citing sources, and evaluating reliability of online information to develop critical thinking skills. Students will engage with practical applications such as conversions of measurements, where they will learn how to convert different units within a spreadsheet. Using formulae, students will discover the power of formulas to perform calculations and automate tasks. Exploring probability will introduce students to the use of spreadsheets for statistical analysis. Computational modelling will teach students how to create models using spreadsheets to simulate real-world scenarios. Finally, testing a hypothesis will enable students to apply their spreadsheet skills to test and analyse hypotheses effectively.



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Physical Education (PE)

Year 5 begins the year with dance in which they will plan, choreograph and perform an improvised piece in small groups. We will then take part in invasion games and develop these skills in Hockey. We are lucky to have a sports coach from GC Sports who will teach the class this term. They will participate in multiskills and tag rugby. Our PE days are on **Mondays and Wednesdays**. Please ensure your child comes to school in their PE kit on these days.

Homework

Homework is still topic based and children will have a range of 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**)