

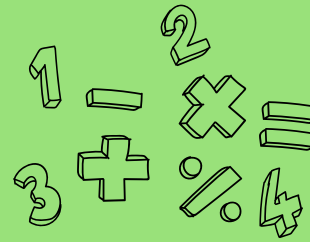


YEAR 5 SPRING CURRICULUM

Introduction

Spring Term in Year 5 is a time for deepening understanding, developing independence and applying learning with growing confidence. This term, children will enjoy a broad and engaging curriculum that encourages curiosity, creativity and thoughtful enquiry. From exploring the fascinating civilisation of the Maya and investigating materials in science, to developing problem-solving skills in maths and expressing ideas through art, music and writing, pupils will be supported to challenge themselves while feeling secure and motivated. Alongside academic learning, we place a strong emphasis on wellbeing, collaboration and respect, helping children to grow as confident, reflective learners.

Maths



This term, children will continue to build confidence and fluency in maths while applying their skills to problem solving. In multiplication and division, pupils will use written methods to multiply four-digit numbers by two-digit numbers and divide four-digit numbers by one-digit numbers, including remainders, and apply these skills in a range of problems.

In fractions, children will multiply unit and non-unit fractions, as well as mixed numbers, by whole numbers and find fractions of amounts and shapes.

Learning in decimals and percentages will focus on equivalence, understanding thousandths, ordering and rounding decimals, and exploring how percentages link to fractions and decimals.

In measurement, pupils will calculate the perimeter of different shapes and find the area of rectangles and compound shapes.

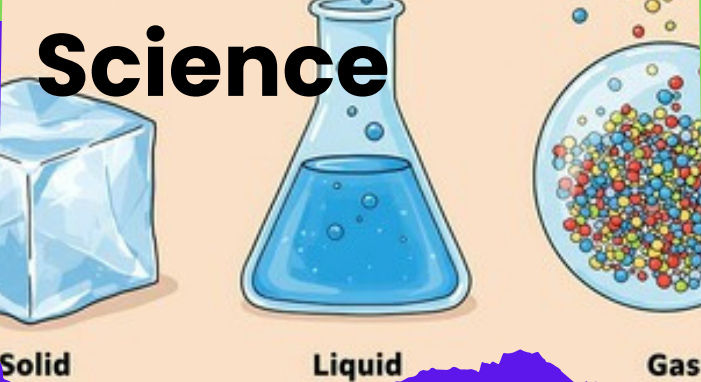
Literacy



This term, pupils will develop their writing skills through a range of engaging and imaginative genres. They will write narrative stories, clear instructions on how to care for a pet, and an exciting Amazon survival guide linked to their adventure narrative. Throughout the term, children will strengthen their ability to plan, draft, re-draft and edit their writing, developing confidence in improving their work and shaping language for effect.



Science



This term, children will become scientists as they investigate the properties of everyday materials and explore how they behave in different situations. Pupils will compare and group materials based on their properties, including how they respond to magnets, and investigate which materials dissolve to form solutions.

Children will carry out practical enquiries to explore reversible and irreversible changes, learning how substances can be recovered from solutions and how mixtures of solids, liquids and gases can be separated. They will also consider why particular materials are chosen for specific uses, linking scientific knowledge to real-life applications. Throughout the unit, pupils will ask questions, carry out investigations, and record and present their findings clearly.

Geography

This term, children will explore the natural water cycle and the human water distribution cycle, learning how water is collected, treated and supplied to homes across South East England. Pupils will investigate the role of local water companies and develop an understanding of water as a precious natural resource.

Children will also consider how we can use water more sustainably in everyday life and explore the impact of climate change on water supply and usage. Through discussion and enquiry, they will examine how changes in climate affect rainfall, demand and availability, helping them understand the importance of protecting this vital resource.



This term, children will explore the Qur'an, the holy book of Muslims, and learn why it is believed to be the word of Allah (God). Through discussion, children will deepen their understanding of Islamic beliefs and the role holy texts play in shaping faith and everyday life.

RE

DT

This term, children will revisit and apply their understanding of mechanisms by designing and creating 3D cam toys. The focus will be on incorporating rotational and linear movement within a cardboard structure, helping pupils understand how moving parts work together. This project will support progression in design and making skills, preparing children for more complex work with materials such as wood in secondary school.

In PE, children will build their physical confidence and teamwork skills through tag rugby, handball and martial arts dance. Lessons will focus on developing coordination, control and effective movement, while encouraging resilience, cooperation and enjoyment of physical activity.

PE



This term, children will explore their dreams and goals and consider how money can play a role in achieving them. They will learn about a range of jobs, including those done by people they know, and discuss why different jobs can earn different amounts of money. Pupils will reflect on the types of jobs they might like to do in the future and the skills these may require.

Children will also explore the similarities and differences between themselves and people from different cultures, developing understanding, respect and empathy for others' experiences, aspirations and values.

Computing

This term, children will learn how computers store and organise information using flat-file databases. They will create their own databases using Excel, learning how data is structured into rows and columns, and practise sorting and searching information to answer questions. Pupils will also explore how databases are used in real life, developing logical thinking, accuracy and key digital skills.

This term, children will explore the work of L. S. Lowry, focusing on his use of perspective to create depth in paintings such as North James Henry Street, Salford and The Fever Van. Pupils will also look at how architects use perspective before applying these skills to create their own Lowry-inspired street scenes.

Art



Music

This term, children will explore music from different times and cultures, beginning with Ancient Mayan music. Pupils will recreate its style using the pentatonic scale (D-E-G-A-B), practise reading and writing music on the treble staff, and perform the song Xtoles from standard notation, including composing a short 'B' section.



Children will also explore folk music, singing Sussex by the Sea and other traditional songs from across the UK. They will perform with and without accompaniment, revise good singing technique, and learn how music and lyrics help us understand local history, including the origins of Morris dancing.

This term, children will explore the Mayan civilisation, learning where they settled and using timelines to understand when they lived. Pupils will investigate the collapse of the Maya and explore different theories about why it happened. They will compare the Spanish invasion of the Maya with the Roman invasion of Britain, and learn how Mayan society was organised into city-states, making comparisons with Ancient Greece. Children will also explore key aspects of the Mayan belief system.

History