

Autumn 1 Flying High

We're excited to begin a brand-new school year with the inspiring theme "Flying High." As we settle into Year 5, we'll be setting lofty goals, embracing new challenges, and preparing to soar to success together. This half term promises to be full of discovery, creativity, and growth, and we can't wait to see all that your children will achieve. Here's to a fantastic start to our learning journey!

English

In Autumn 1, our English topics will be looking at the books "The Man who Walked Between the Towers" by Mordicai Gerstein and "High Rise Mystery" by Sharna Jackson as well as our key SPAG and composition skills. We will also be looking at:

- Recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms
- Using passive verbs to affect the presentation of information in a sentence
 - Using expanded noun phrases to convey complicated information concisely
- Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun
- Indicating degrees of possibility using adverbs [for example, perhaps, surely] or modal verbs [for example, might, should, will, must]
 - Use of commas to clarify meaning or avoid ambiguity
 - Using brackets, dashes or commas to indicate parenthesis

Science

This term, pupils will be diving into the fascinating topic of Materials and Their Properties. They will be exploring how different materials behave, why they are chosen for specific uses, and how they can change under various conditions. Through hands-on investigations and scientific enquiry, they will be developing their understanding of the world around them and building key skills in observation, prediction, and explanation.

- Comparing and grouping materials based on their properties, such as hardness, solubility, transparency, conductivity, and magnetism
- Investigating the suitability of materials for different purposes
- Exploring how some materials dissolve in liquids to form solutions
- Deciding how mixtures might be separated using knowledge of solids, liquids, and gases
- Identifying reversible and irreversible changes
- Demonstrating that some changes, like dissolving and mixing, can be reversed
- Explaining that some changes result in the formation of new materials and are not usually reversible

Maths

This term, we will be looking at a range of topics to develop our arithmetic and reasoning skills. These will include **Place Value, arithmetic and fractions.**

These will include exploring:

- Understanding and applying the knowledge of place value, e.g., reads, writes, orders, compares, estimates, multiplies, and divides numbers by 10, 100, and 1000 up to 1,000,000 and to 3 decimal places and as fractions
- Rounding decimals with two decimal places to the nearest whole number and to one decimal place and any whole number up to 1,000,000 to the nearest 10, 100, 1000, 10,000, and 100,000.
- Counting fluently forwards and backwards to include:
 - Powers of 10 from any given number up to 1,000,000.
 - Including through zero and interprets negative numbers in context.
- Reading Roman numerals to 1000 (M) and recognises years written in Roman numerals.
- Recognising and converts mixed numbers and improper fractions and recognises and uses thousandths and relates to tenths, hundredths, and decimal equivalents.
- Comparing and orders fractions whose denominators are all multiples of the same number.
- Identifying equivalent fractions of a given fraction represented visually.
- Recognising and shows approximate proportions of a whole and uses unit and non-unit fractions, decimals, and percentages to describe these, e.g., recognises simple equivalence between fractions.
- Solving number problems and practical problems within the context of the fluency focus.

Spelling & Reading

Each week, we will be looking at a selection of special spelling words linked to our English topics. These can be found on our class webpage.

In our daily guided reading session, we'll also explore a range of challenging and exciting texts including Wonder by R.J Palacios and My name is Book by John Agard. This will include comprehension questioning, developing our understanding of vocabulary and how authors create their texts. We'll also work on our reading skills through Reading Plus, our special online reading platform. Make sure you complete you complete your weekly reads at home (3) and Reading Plus assignments.

Geography

This half term, we will be exploring **what it means to live in the alps** and learning about:

- Locating the Alps on a world map and identifying and labelling the eight countries they spread through.
- Locating three physical and three human characteristics in the Alps.
- Researching and describing the physical and human features of Innsbruck.
- Using a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs.
- Comparing the human and physical geography of their local area and Innsbruck.



Spirituality



This term, we will be looking at creation and how our world is filled with natural beauty. We will think about how God can be found in the wonderful world around us.

PSHE



This half term, pupils will be engaging with the Jigsaw PSHE unit "Being Me in My World." They will be reflecting on their identity, their place within the school and wider community, and the importance of mutual respect and shared responsibility. Through discussion, role-play, and collaborative activities, pupils will be developing their understanding of citizenship, democracy, and how their actions can positively impact those around them. This unit will help build a strong foundation for empathy, self-awareness, and active participation in a caring and inclusive community.

This will include:

- Identifying personal strengths and recognising how they contribute to the class and school community
- Understanding rights, responsibilities, and the importance of rules in a democratic society
- Exploring how decisions are made and how individuals can have a voice
- Reflecting on personal goals and how to work towards them
- Developing strategies for managing feelings and resolving conflict
- Building a sense of belonging and recognising the value of diversity
- Demonstrating respect for others and understanding the impact of actions on the wider community

PE



This half term, our PE topics will be **fitness and basketball**. We will be focusing on learning about:

- Communicating with the team and moving into space to keep possession and score.
- Dribbling, passing, receiving, and shooting the ball with some control under pressure.
- Identifying successes and areas for improvement.
- Using tracking and intercepting when playing in defence.
- Understanding the need for tactics and identifying when to use them in different situations.
- Understanding the rules of the game and applying them honestly most of the time.
- Understanding that different skills are needed for different situations and beginning to apply this

Art



This half term, pupils will be exploring the exciting world of sculpture. They will be introduced to a variety of materials and techniques, learning how to shape, build, and refine three-dimensional forms. Through studying the work of famous sculptors and experimenting with their own ideas, pupils will be encouraged to express themselves creatively and develop their confidence in working with form and space. This unit will offer opportunities to think critically about design, structure, and the messages that sculpture can convey.

This will include:

- Investigating different sculptural techniques such as carving, modelling, and constructing
- Exploring a range of materials including clay, wire, and recycled objects
- Developing skills in shaping and joining materials to create stable structures
- Studying the work of notable sculptors to inspire personal responses
- Planning and sketching ideas before beginning a sculpture
- Reflecting on and evaluating finished pieces using appropriate artistic vocabulary
- Presenting work with consideration of space, audience, and intention

Computing

In our computing this half term, we will look at **coding** and creating basic programmes. This will include:

- Beginning to simplify code.
- Creating a playable game.
- Understanding what a simulation is.
- Programming a simulation using 2Code.
- Knowing what decomposition and abstraction
- Taking a real-life situation, decomposing it, and thinking about the level of abstraction.
- Understanding how to use friction in code.
- Beginning to understand what a function is and how functions work in code.



RE

This half term, we will be thinking about the big question: **'What does it mean if Christians believe God is Holy and Loving?'** and unpicking many things about how we imagine and see god. This will include:

- Identifying some different types of biblical texts, using technical terms accurately.
- Explaining connections between biblical texts and Christian ideas of God, using theological terms.
- Making clear connections between Biblical texts studied and what Christians believe about God; for example, through how churches are designed.
- Showing how Christians put their beliefs into practice in worship.
- Weighing up how biblical ideas and teachings about God as holy and loving might make a difference in the world today, developing insights of their own

