

Learning Outline

Year 5: Spring Term 2023-24

<p>English</p>	<p>Key Text: <i>Where Once We Stood</i> - by Christopher Riley and Martin Impey <i>FaTHER</i> by Grahame Baker-Smith</p> <p>What we will use:</p> <ul style="list-style-type: none"> • Making precise use of verbs, adjectives, adverbs, prepositions • Use modal verbs and adverbs to indicate degrees of possibility • Use commas to clarify meaning, adding relative clauses to develop ideas • Use colons and semicolons to mark boundaries between independent clauses • Use conjunctions for opposition e.g. but/nevertheless/although • Using an increasing variety of complex sentence structures • Use devices to build cohesion within and across paragraphs • Use adverbials of time, place, number or tense choice • Conjunctions for opposition e.g. but/nevertheless/although • Prefixes de-, mis - • Rhetorical questions • Compound words/phrases <p>We will write: Exploration Narrative Formal Report Settings Narrative Letters - Recount</p> <p>See Spelling Long Term Plan for further info</p>
<p>Maths</p>	<p>Multiplication and division (B) We kick-start our Spring term through a deep look into the use of formal written methods of multiplication and division. We will build our multiplication skills from multiplying 4-digit numbers by 1-digit numbers through to multiplying 4-digit numbers by a 2-digit number. We then will move on to efficient division using short division and apply these skills to solve problems involving both operations.</p> <p>Fractions (B) Having first reviewed our understanding of adding and subtracting fractions from our previous learning we turn our focus to multiplying fractions, multiplying mixed numbers and find fractions of an amount through to application of multiplication and division.</p> <p>Decimals and percentages In this unit we will compare and order decimals that have equivalent fractions of tenths and hundredths. We will round these using a given set number of decimal places before finally finding and recording equivalent percentages, fractions and decimals to two decimal places.</p> <p>Perimeter and area Within this unit we will work with perimeters of rectilinear shapes and polygons before estimating and calculating the area of rectangles and compound shapes.</p> <p>Statistics</p>

	Our last unit of maths for the term will involve working with data in the form of tables, line graphs and interpreting these along with timetables to answer questions based on the data available.
Science	Properties and Changes of Materials During this science topic we will: <ul style="list-style-type: none"> • Group materials based on their properties using more complex vocabulary. • Learn that some materials are good thermal insulators whilst other are good thermal conductors. • Learn that some materials are good electrical insulators and others are not – helping make informed decisions when thinking about safety around electricity. • Develop an understanding that when the particles of a solid mix with the particles of a liquid, this is called dissolving, and the result is called a solution. • Some materials can be separated after they have been mixed based on their properties - this is called a reversible change. • Some methods of separation include the use of a magnet, a filter (for insoluble materials), a sieve (based on the size of the solids) and evaporation. • When a mixture cannot be separated back into the original components, this is called an irreversible change.
Latin	The children will be working on the past continuous tense. The children will learn verb codes for past continuous tense (ing verbs) and will learn to translate past continuous tense Latin sentences into English. In addition, the children will also be introduced to masculine and feminine nouns. Learning will also feature the myth of Echo and Narcissus and the myth of Romulus and Remus.
PE	Gymnastics Dance Netball Maypole Dancing
PSHE & Relationships education	Don't Hold on to What's Wrong By the end of this unit, we will be able to explain why forgiveness keeps our hearts healthy and will be able to describe some practical steps we could take to resolve conflict. We will learn how to identify when we are experiencing negative emotions and can suggest ways that will help us when we are experiencing negative emotions. We will be able to recognise bullying behaviours and suggest ways to deal with bullying. Fake Is a Mistake During this unit we will discuss how unrealistic images can make us feel and give a simple description of what vulnerability is. We will identify qualities that build trust for vulnerability and explain why growing feedback is important. We will list some risks associated with alcohol use in young people and will give some advice against drinking alcohol.
Music	Make You Feel My Love Pop Ballads The Fresh Prince of Bel Air Hip Hop
Design Technology	Architecture This project teaches children about how architectural style and technology has developed over time and then use this knowledge to design a building with specific features.
Art and Design	Nature's Art This project teaches children about the genre of land art. They work outdoors to sketch natural forms and explore the sculptural potential of natural materials before working collaboratively to create land art installations.
RE	Christianity KINGDOM OF GOD - What kind of king is Jesus?

	<p>During this unit we will discuss connections between biblical texts and the concept of the Kingdom of God. We will consider different possible meanings for the biblical texts studied, showing awareness of different interpretations. We will make clear connections between belief in the Kingdom of God and how Christians put their beliefs into practice in different ways, including in worship and in service to the community. We will consider how Christian teachings or beliefs about God's Kingdom to the issues, problems and opportunities of their own lives and the life of their own community in the world today, offering insights about whether the world could or should learn from Christian ideas.</p> <p>Christianity SALVATION - What did Jesus do to save human beings?</p> <p>We will outline the timeline of the 'big story' of the Bible, explaining how Incarnation and Salvation fit within it. We will explore what Christians mean when they say that Jesus' death was a sacrifice, using theological terms. We will suggest meanings for narratives of Jesus' death/resurrection, comparing their ideas with ways in which Christians interpret these texts. Making clear connections between the Christian belief in Jesus' death as a sacrifice and how Christians celebrate Holy Communion/the Lord's Supper. Show how Christians put their beliefs into practice.</p>
Computing	<p>Programming A – Selection in physical computing</p> <p>In this unit, we will use physical computing to explore the concept of selection in programming using the BBC Micro:bit programming environment. Learners will be introduced to a pocket-sized computer (Micro:bit controller) and learn how to connect and program components (including output devices such as LEDs) through the application of their existing programming knowledge. Learners are introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).</p> <p>Data and information – Flat-file databases</p> <p>This unit looks at how a flat-file database can be used to organise data in records. Pupils use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems. They use a real-life database to answer a question and present their work to others.</p>