

Y5 Summer Term Curriculum Overview



Religious Education

Easter:

Pupils will learn about the Church's Celebration of Easter through the Easter Vigil. We will learn about the Church's belief in eternal life through the Easter Story and the Story of the Ascension of Jesus into heaven.

Pentecost:

Pupils will learn about the Church's belief in the Holy Spirit. We will also explore the Christian belief in the Holy Trinity and prayer and devotion to the Holy Spirit.

The Work of the Apostles:

Pupils will learn to understand the significant role the Apostles played in proclaiming the Good News. We will reflect on the work of the Apostles as building the foundations of the Church which continues to proclaim the Good News of Christ today.

Marriage and Holy Orders:

Pupils will learn that Marriage and Holy Orders are important Sacraments of Commitment in the Church. We will also learn to appreciate that everybody has some responsibility and part to play in the life of the Church.

This half term we will be studying the values of **curious and active**.

English

Class Texts: The tear thief by Carol Ann Duffy and I believe in unicorns by Michael Morpurgo

Reading (comprehension):

Pupils will become familiar with a wide range of fiction books and text types and be able to discuss the features of each. We will also learn to read non-fiction texts and identify the purpose, structure and grammatical features, evaluating how effective they are. Pupils will also learn to prepare poems and plays to read aloud and to perform showing understanding through intonation, tone, volume and action.

Range of Writing:

A range of text types will be covered in our writing, including: narrative stories, diary recounts, poetry, non-chronological reports, explanation texts, persuasive writing and instruction writing.

Composition:

Pupils will be able to discuss the audience and purpose of their writing and use the correct features and sentence structure matched to the text type we are working on. We will learn to use appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning. Pupils will learn to develop characters through action and dialogue and establish a viewpoint as a writer through commenting on characters and events. We will focus on using a wide range of devices to develop cohesion between sentences and paragraphs. Finally, we will also use further organisational and presentational devices to structure text and to guide the reader (e.g. headings, bullet points and underlining)

Vocabulary, grammar and punctuation:

Pupils will develop their understanding of using relative clauses as well as using expanded noun phrases to convey complicated information concisely. We will study how using modal verbs and adverbs can indicate degrees of possibility. We will also use brackets, dashes and commas to indicate parenthesis and use commas to clarify meaning or avoid ambiguity and use bullet points consistently.

Spelling:

Throughout the year, the children will learn a variety of spelling strategies to support their ability to spell accurately. Some of the strategies that we will focus on this term are: look, cover, spell, check; the pyramid strategy; drawing a shape around the word and spelling difficult words without vowels. During the summer term, the children will learn to spell homophones such as cereal/serial, father/farther and guessed/guest. They will also learn to spell suffixes which are commonly spelt incorrectly such as words ending in '-ous', '-ing', '-ed' and '-ies.'

Mathematics

Recall of number facts for +, -, x and ÷

We will learn to identify multiples and factors including all factor pairs and common factors of two numbers. Pupils will know and use prime numbers, prime factors and composite (non-prime) numbers. The children will continue to improve their recall of multiplication and division facts up to 12x12 and multiply and divide numbers mentally drawing on known facts. We will also learn to recognise square and cubed numbers and the notation for squared and cubed.

Place Value

Pupils will read, write, order and compare numbers up to 1 000 000 and determine the value of each digit. We will count forwards and backwards in steps of 100, 1 000, 10 000 and 100 000 and round any number up to 1 000 000 to

the nearest 10 000 and 100 000. Pupils will learn to read Roman numerals to 1000 (M) and recognise years written in Roman numerals. The children will interpret negative numbers in context and add and subtract numbers mentally with increasingly large numbers.

Addition and Subtraction

Pupils will add and subtract mentally whole numbers with more than 4 digits and decimal numbers. We will also continue to use formal written methods (columnar addition and subtraction) to add and subtract whole numbers with more than 4 digits and decimal numbers and solve addition and subtraction multi-step problems in contexts deciding which operations to use and why.

Multiplication and Division

Pupils will continue to use formal written methods to multiply 4 digit numbers by a 2 digit number and divide 4 digit numbers by a 1 digit number. We will also develop our understanding of multiplying and dividing by 10, 100 and 1 000. Pupils will learn to solve problems involving multiplication and division, including scaling by simple fractions and rates and use all four operations to solve problems involving money using decimal notation, including scaling.

Fractions

The children will learn to convert between mixed numbers and improper fractions and add and subtract proper fractions. We will multiply proper fractions by whole numbers and multiply mixed numbers by whole numbers. Pupils will also solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of 10 or 25.

Measurement

Pupils will learn to convert between different units of metric measure and understand and use approximate equivalences between metric units and imperial units. We will solve problems by converting between units of time and estimate volume and capacity. Pupils will also use all four operations to solve problems involving measures, including scaling.

Geometry (properties of shapes)

Pupils will learn to identify, describe and represent the position of a shape following a reflection, using the appropriate language, and know that the shape has not changed.

Statistics

We will study using information presented in a line graph to solve problems and complete, read and interpret data in tables. We will learn to use coordinates and scales to interpret information in time graphs and interpret data in tables and decide on the best way to present data in graphs.

Science	<p><u>Materials</u> Children will build on their knowledge of the properties of materials in this unit. They will learn that:</p> <ul style="list-style-type: none"> • some materials will dissolve in liquids to form a solution and describe how to recover a substance from a solution. • dissolving, mixing and changes of state are reversible changes. • some changes result in the formation of new materials and that this kind of change is not usually reversible, including changes associated with burning. <p>Pupils will also use their knowledge of solids, liquids and gases to decide how mixtures might be separated.</p> <p><u>Life cycles and reproduction</u> Children will link their knowledge of the changes as humans grow to other animals and plants. They will learn to:</p> <ul style="list-style-type: none"> • describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird • describe the life process of reproduction in some plants and animals.
Computing	<p><u>3D Modelling</u> Pupils will learn to use sequence, selection, and repetition in 3D modelling. They will learn about designing for a purpose, will explore the effect of moving points when designing and understand printing 2D nets to create a 3D model.</p> <p><u>Concept Maps</u> Pupils will learn to understand computer networks; how they can provide multiple services and the opportunities they offer for communication and collaboration. They will understand the need for visual representation when generating and discussing complex ideas and understand the vocabulary 'concept maps', 'stage', 'nodes' and 'connections'. Pupils will create a collaborative concept map and understand how it is used to communicate information to others.</p>
P.E.	<p><u>Rounders</u> Pupils will use running, jumping, throwing and catching in isolation and in combination and use these skills to play competitive games and apply basic principles suitable for attacking and defending.</p> <p><u>Cool Core: Pilates</u></p>

	<p>The children will learn to identify techniques to improve balance and core strength and improve coordination.</p> <p><u>Fitness Frenzy:</u> We will learn to perform a sequence of steps in time with the music and understand the benefits of improving muscle tone and aerobic fitness.</p>
P.S.H.E.	<p><u>Relationships</u> Pupils will learn about their personal qualities and those of people around them. They will understand that relationships are necessary but that they shouldn't feel pressured into having a boyfriend or girlfriend and discuss how to manage feelings of jealousy.</p> <p><u>Changing me</u> Pupils will learn puberty and the changes growing up will bring. They will also focus on the transition to year 6 and know how they are going to manage with this.</p>
Multi-cultural	<p>During this term, the children will be learning about some of the main Sikh festivals such as: The Martyrdom of Guru Arjan Dev (Sunday 16th June)</p>
Foundation Subjects	<p><u>Foundation Subjects:</u></p> <p><u>Art: Textiles</u> Pupils will explore using textiles to create pieces of artwork, focusing on the work of Michael Brennan Wood and Ruth Spaak. Children will develop their skills to select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. Their focus is to create a hanging mobile and improve their weaving skills using a range of materials.</p> <p><u>Design and Technology: Mechanisms</u> Pupils will build on their design skills by generating, developing and communicating their ideas through discussion and annotated sketches. They will be able to understand and use a simple pulley system.</p> <p><u>Geography: Physical and Human Geography</u> Pupils will build on their knowledge of human and physical geography by learning to describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts. They will describe and understand key aspects of human geography, including: types of settlement and land use, economic activity and trade links.</p> <p><u>History: Modern American History</u> Pupils will explore the changes in the history of America linked to the slave trade and segregation. The children will learn about the life of Harriet Tubman and her work linked to the underground railroad. They will also study the speech of Martin Luther King and link this to life today.</p> <p><u>Music: The History of Music</u> Pupils will explore the changes in music over time from the medieval times to the modern day. They will learn about different instruments, how an orchestra is put together and learn about how blues music was linked to the transatlantic slave trade.</p>
Other Activities / Visits	

Homework Arrangements:

English	A piece of English homework will be given out on a Friday . This should be returned by the following Wednesday .
Mathematics	A piece of Maths homework will be given out on a Friday . This should be returned by the following Wednesday .
Spelling	Spellings will be given out on a Monday and tested on a Friday .
Number Facts	Times tables will be given out on a Monday and tested on a Friday .

Home Reading:

The children are expected read independently **every night**. Please also endeavour to hear your child read at home regularly and sign their reading record book at least three times per week. When the children receive three signatures in their reading record they will receive a sticker towards completing their reading bookmark. A completed bookmark results in receiving a book and/or certificate during congratulations assembly.

Useful Information:

P.E. takes place on **Wednesdays** and **Thursdays**. Please ensure that the children have the correct kit in school on these days.