

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.

Baptism:

The children will explore the role of John the Baptist in the Baptism of Jesus and will learn about the signs, symbols and prayers associated with the Sacrament of Baptism.

This half term we will be studying the values of **Grateful and Generous**. Next half term will be **Attentive and Discerning**. Please find attached a pamphlet that explains a little bit about each value.

English

Pupils will be reading two texts within class this term. These are: 'Children of Winter' by Berlie Doherty and 'Terrible Tudors' by Terry Deary and Neil Tonge.

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 as 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.

<p>Science</p>	<p><u>Marvellous Mixtures:</u> The children will further develop their conceptual understanding of how different mixtures of solids and liquids might be separated. We will learn that certain solids dissolve while others do not, and how these dissolved solids might be retrieved from a mixture. Pupils will also explore how the rate at which solids dissolve can vary, investigating variables that might make a difference. We will then use our knowledge of separating mixtures in solving a number of real world-based enquiries, which require pupils to apply their subject knowledge to an unusual context.</p> <p><u>Reproduction in Plants and Animals:</u> We will learn about reproduction in some types of plants and animals. As they learn about plant reproduction, pupils will extend their knowledge of the function of the different parts of flowering plants. We will also learn that plants can reproduce in other ways, through asexual reproduction. As we learn about reproduction in animals, pupils will find out more about specific mammals, birds, insects and amphibians and how they reproduce. When working scientifically, pupils will carry out first-hand observation of flowering and other plants, and also use secondary sources of information. We will learn to group and classify living things according to similarities in reproduction processes and also report and present findings from our enquiries in a variety of ways, including posters, fact cards and guides.</p> <p><u>Our Changing World:</u> We will be looking at how plants, animals and the weather change during the year by carrying out frequent observations in our natural environment.</p>
<p>Computing</p>	<p><u>We are Bloggers:</u> We will learn how blogging provides a worldwide audience for pupils' work. Pupils will develop their understanding of their membership in their learning community by creating a media-rich blog, commenting on blogs and responding to comments.</p> <p><u>We are Architects:</u> Pupils will research examples of art gallery architecture, before using Trimble SketchUp to create their own virtual gallery. Pupils will then use the gallery to exhibit their own artwork.</p>
<p>P.E.</p>	<p><u>Nimble Nets:</u> The children will learn to identify and apply techniques for hitting a tennis ball and understand and use doubles scoring in a tennis game.</p>

	<p>Swimming Y5 will be attending swimming sessions on a Wednesday morning during the first half of the summer term.</p> <p>Cool Core (Pilates): The children will learn to identify techniques to improve balance and core strength and improve co-ordination.</p> <p>Young Olympians: The children will learn to develop the ability to run for distance, throw with accuracy and power, understand which technique is most effective when jumping for distance and demonstrate good techniques in a competitive situation.</p> <p>Fitness Frenzy: 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.	Throughout this term the pupils will learn to talk and write about their opinions, and explain their views on issues that affect themselves and society. We will learn to recognize our worth as individuals by identifying positive things about ourselves and our achievements, seeing our mistakes, making amends and setting personal goals. Pupils will also learn that there are different types of responsibilities, rights and duties at home, at school and in the community. We will also look in depth at preparing the children for their transition to Y6.
Multi-faith	We will also be learning about some of the upcoming Islamic festivals such as Ramadan on 16th May and Eid ul Fitr on 15th June .
Foundation Subjects	<p style="text-align: center;">Our new topic is: 'Tudor Times'.</p> <p>Art: Pupils will draw objects, use marks and lines to produce texture and use shading to create mood and feeling. They will use these skills to create Tudor portraits and sketches of Tudor buildings. We will research the work of Hans Holbein and use his work to replicate a Tudor style.</p> <p>Design and Technology: Pupils will design and produce a step by step plan for creating a Tudor house. We will then use a range of tools and equipment to build these houses and evaluate their appearance and effectiveness.</p> <p>Geography: Pupils will research what a Tudor settlement was like and where the Tudors decided to settle. They will explain how these settlements fit into its wider geographical location with reference to human and economical features. The life of Tudor explorers, such as Sir Francis Drake, will be researched and pupils will investigate the countries that they visited and plan a journey to some of these countries, taking account of distance and time.</p> <p>History: Pupils will report on British land use during Tudor times and research in depth how industry developed during this period. We will create a timeline of Tudor Times, beginning with the Battle of Bosworth and will learn about Tudor monarchs. Pupils will learn to compare two or more historical periods and will compare crime and punishment in Tudor times to that of the present day.</p> <p>Music: Pupils will describe, compare and evaluate music from Tudor times using musical vocabulary. We will produce and perform our own compositions in a similar style.</p>
French	Pupils will learn to read and understand a short passage using familiar language and use bilingual dictionaries to look up unfamiliar words. We will also learn to write phrases from memory and write short sentences on a familiar topic. Pupils will also continue to develop their ability to hold a simple conversation.
Other Activities / Visits	<p>Wednesday 25th April - Multi-faith visit to Islamic Experience Exhibition.</p> <p>Wednesday 6th June – Educational visit to Selly Manor Tudor House.</p>

Homework Arrangements:

English	A piece of English homework will be given out on a Friday . This should be returned the following Thursday .
Mathematics	One piece of homework will be given out on a Friday . This should be returned the following Thursday .
Spelling	Spelling homework will be given out on a Thursday and tested on the following Thursday .
Number Facts	The children will be provided with a times tables sheet on a Friday . They will be tested on their times tables the following Thursday .

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 **Tuesdays** and **Thursdays**. Please ensure that the children have the correct kit in school on these days. Swimming will take place on a **Wednesday morning** during the first half of the summer term.

Although school will provide equipment for the children, to develop their independence it is a good idea for them to bring a pencil case with a pencil, ruler, rubber and sharpener each day. In addition, bringing a small folder for any letters or homework is a good idea and will again help to prepare the children for Y6 and secondary school.

If you have any information or are knowledgeable in any of the topics outlined above please let me know! It is always interesting and valuable for the children to hear from people who have first-hand experience of a particular topic/area.