

Y6 Autumn Term 2017 Curriculum Overview



Religious Education

The Story of the People of God:

Pupils will develop their knowledge and understanding of the structure of the Bible and the forms of literature that are found in the different books. We will read some stories of significant people in the Old Testament and discover what these tell us about their relationship with God.

Baptism and Confirmation:

Pupils will learn about the Sacraments of Baptism and Confirmation. We will explore the signs and symbols of both of these Sacraments and will hear about the gift of the Holy Spirit being given in the celebration of these Sacraments.

Followers of Christ:

Pupils will study the call of the disciples by Jesus. We will learn about the demands that the call of Christ placed on these first disciples and will think about ways in which people answer the call of Christ today through the life of the Church.

Belonging to the Church Community:

Pupils will learn about the foundations of the life and teaching of the Catholic Church being rooted in the life and teaching of the Apostles. We will learn about the role of the Pope and local Bishop in the life of the universal and local Church. Pupil will also explore the life of the local parish community where the faith of God's people is nourished and celebrated.

Advent:

Pupils will be given opportunities to develop their knowledge and understanding of the two parts of the Season of Advent: a time to prepare for Christ to come again, and a time to prepare to celebrate his birth at Christmas. Through some Parables of Jesus and some of the prayers and hymns of the Church, we will explore these themes.

English

Class Texts:

Pupils will be reading two texts within class this term. These are: 'Street Child' by Berlie Doherty and 'Oliver Twist' by Charles Dickens.

Reading (comprehension):

Pupils will read books that are structured in different ways and will recognise texts that contain features from more than one text type. We will learn to identify the themes in a text and identify and discuss the conventions in different text types. Pupils will also be able to recommend books to others and give reasons for the recommendation.

Range of Writing:

A range of text types will be covered in our writing, including: setting and character descriptions, diaries, arguments, non-chronological reports, stories with flashbacks and persuasive writing.

Composition:

Pupils will learn to identify the audience for and purpose of the writing. We will learn to use grammatical structures, features and vocabulary appropriate to the audience. Pupils will learn to use a range of sentence starters to create specific effects and use developed noun phrases to add detail to sentences. We will also learn to sustain and develop ideas logically in narrative and non-narrative writing

Vocabulary, grammar and punctuation:

Pupils will learn to write in paragraphs which can clearly signal a change in subject, time, place or event. A variety of organisational and presentational devices will be learnt, and we will also learn to vary our sentence structure depending on whether a formal or informal style is most suitable. Pupils will learn to use the semi-colon, colon and dash, as well as the use of a hyphen to avoid ambiguity.

Spelling:

Pupils will learn a range of spelling strategies and will be able to use any dictionary and thesaurus. We will learn to distinguish between homophones and other words which are often confused, convert verbs into nouns by adding a suffix and become familiar with the spelling of commonly mis-spelt words from the Y6 word list.

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 and recall prime numbers up to 100. We will also learn to recognise square and cubed numbers and the notation for squared and cubed.

Place Value:

Pupils will learn to read, write, order and compare numbers up to 10 000 000 and will be able to determine the value of each digit. We will learn to round any whole number to a required degree of accuracy and use negative numbers in context, calculating intervals across zero.

Addition and Subtraction:

Pupils will learn to solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and why.

Multiplication and Division:

Pupils will learn to multiply multi-digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication. We will also learn to divide numbers up to 4 digits by a 2 digit number using the formal written method of long division, and short division where appropriate.

Fractions:

Pupils will learn to compare and order fractions and use common factors to simplify them. We will learn to multiply simple pairs of proper fractions and divide proper fractions by whole numbers. Pupils will also learn to recall and use equivalences between simple fractions, decimals and percentages.

Measurement:

Pupils will learn to read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation of up to 3 decimal places.

Geometry (properties of shapes):

Pupils will learn to identify 3D shapes, including cubes and other cuboids, from 2D representations. We will also learn to identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Statistics:

Pupils will learn to interpret and construct pie charts and line graphs and use these to solve problems.

Science	<p><u>Danger! Low Voltage:</u> Pupils will develop their understanding of electrical circuits. We will construct circuits with an increasing number of components and contrast the effects this has on the function of the components.</p> <p><u>Body Pump:</u> We will learn about the human circulatory system and how it enables our bodies to function. Pupils will find out about the main parts of the circulatory system: the heart, blood vessels and blood, and how these work together to deliver oxygen and nutrients to every part of the body.</p> <p><u>Our Changing World:</u> We will investigate the ways in which animal populations are suited to the environments in which they live. Pupils will have opportunities to study ways in which physical characteristics, patterns of behaviour and life cycles help to adapt organisms and improve their chances of survival.</p>
Computing	<p><u>We are App Planners:</u> Pupils will learn about the capabilities of smartphones, think of a problem that a smartphone or tablet app could solve and then pitch ideas for their own apps.</p> <p><u>We are Project Managers:</u> Pupils will work collaboratively to develop a smartphone or tablet app and will apply computational thinking to the task of managing a complex project.</p>
P.E.	<p><u>Invaders:</u> Pupils will learn to work as a team using games of Tag Rugby. We will develop our ability to pass and carry a ball using balance and co-ordination.</p> <p><u>Boot Camp:</u> Pupils will learn what fitness means and work through a series of fitness sessions. We will learn how to prepare the body for exercise and what happens to heart rate during exercise.</p>
P.S.H.E	<p>Pupils will focus on the value of diversity and cooperation in building a positive classroom ethos. Pupils will consider the different types of relationships that they have and explore what expectations and behaviours might be appropriate to each. We will go on to consider how perceived differences between people can lead to wrong assumptions. Pupils will work on managing conflict and using strategies which 'cool down' conflict situations. We will extend our understanding of anger and the need to take responsibility for our behaviour when we are angry. Pupils will also explore feelings in greater depth. We will learn the difference between feeling proud and boasting, the balance between risk-taking and staying safe and how and when we should stand up for ourselves and when we should listen to our peers.</p> <p><u>Multi-Faith Study:</u> We will also be learning about some of the main teachings of the religion of Sikhism and learn about some of the upcoming Sikh festivals such as Diwali on 19th October.</p>
Foundation Subjects	<p><u>Art:</u> Pupils will use a range of e-resources to create art. We will explore the work of William Morris and create paintings in a similar style. Pupils will be able to explain the style of their work and how it has been influenced by William Morris.</p> <p><u>Design and Technology:</u> Pupils will learn who Isambard Kingdom Brunel was and what he was famous for. We will design, create and evaluate a model suspension bridge based on Brunel's designs.</p> <p><u>Geography:</u> Pupils will investigate the countries that were part of the British Empire during the Victorian era. We</p>

	<p>will use maps to locate these places and learn to explain how time zones work and calculate time differences around the world.</p> <p>History: Pupils will learn to place the Victorians in a chronological framework and will become familiar with the key people and events from this period. We will identify and explain differences, similarities and changes between now and the Victorian period, focusing specifically on home, school and work lives.</p> <p>Music: Pupils will learn to sing in harmony confidently and accurately and will begin to perform parts from memory. We will also compare and contrast the impact that different composers from different times have had on people of that time.</p>
French	Pupils will learn to hold a simple conversation with at least four exchanges. We will also use our knowledge of grammar to speak correctly.
Other Activities / Visits	<p>Thursday 18th January 2018 – Visit to St Chad's Cathedral.</p> <p>Other activities and visits will be notified to you as soon as they are confirmed.</p>

Homework Arrangements:

English	One piece of 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	The pupils will be provided with a spelling list on a Monday and will be tested on these spellings on the following Monday .
Number Facts	The pupils will be provided with times tables to practice on a Friday and will be tested on these on the following Friday .
Project	The pupils will be given details of a project based on the Victorians. One piece of work should be completed each week.

Home Reading:

Pupils are expected to read independently every night. Please also endeavour to hear your child read at home regularly and sign their reading record book.

Useful Information:

P.E. takes place on **Mondays** and **Thursdays**; please ensure that the pupils have the correct kit in school on these days.

Although school will provide equipment for the pupils, to develop their independence it is a good idea for them to bring a pencil case with a pen (blue), pencil, ruler, rubber and sharpener each day. They can also bring some pencil crayons if they wish. In addition, bringing a small folder for any letters or homework is a good idea and will again help to prepare the pupils for 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 pupils to hear from people who have first-hand experience of a particular topic/area.