

# YEAR 6 CURRICULUM OVERVIEW

Spring Term 2018

**'Let the children come to me.'**

## Electricity and Amazing Americas

<b>Religious Education</b>	<p><b><u>Prayers in the lives of Followers of Christ :</u></b> In this unit the children will gain a greater knowledge and understanding of the traditional prayers of the Church and some of the signs and actions associated with prayer. They will also study some prayers that are found in the scriptures and engage in the study of Mass as the central prayer for Catholic Christians. This unit will be concluded with a study of some customs of prayer in other religions.</p> <p><b><u>Lent :</u></b> In this unit of work the children will be given some opportunities to develop their knowledge and understanding of prayer, fasting and almsgiving as important Lenten activities. They will examine the teaching of Jesus about these things and think about why they might be important activities for Christians today. In this unit children will also explore the Church's teaching on forgiveness and God through the Sacrament of Reconciliation.</p> <p><b><u>Holy Week :</u></b> In this unit the children will learn about the passion of Jesus from the events that took place in the Garden of Gethsemane through to the death of Jesus on the cross. They will find out some reasons why Christians have described the death of Jesus as a sacrifice.</p> <p><b><u>Easter :</u></b> In this unit the children will study the story of Easter from the perspective of Thomas. The work contained in this unit will require them to think about reasons why Thomas did not believe in the Resurrection of Christ at first and why people today believe that Jesus is risen from the dead. Children will also learn about Easter and the promise of eternal life. They will be introduced to some associations with Baptism and the celebration of a Christian funeral.</p>
<b>English</b>	<p><b><u>Reading :</u></b> During the Autumn Term, children will be using Shaun Tan's 'The Arrival' and Eva Ibbotson's 'Journey to the River Sea' to support English lessons whilst embedding our Humanities topics of Early Islamic Civilisation and Amazing Americas. Reading sessions will continue to focus on comprehension, where children will share a range of fiction and non-fiction texts to develop their skills of inferring characters' feelings, thoughts and motives from their actions, justifying inferences with evidence from the text and providing reasoned justifications for their views. They will have lots of opportunities to talk about their reading and share stories they enjoy.</p> <p><b><u>Writing :</u></b> Children will begin the Spring term using their Science topic of 'Electricity' to write instructions and explanations. Children will continue to write texts for a range of purposes and audiences, including writing narratives taking inspiration from a world without electricity. The children will learn to use a wider range of punctuation, including hyphens, dashes, colons and semi-colons, with more</p>

	<p>confidence. They will experiment with constructing multi-clause sentences and demonstrate their ability to shift from formal to informal writing to suit their audience.</p> <p><b><u>Spoken Language :</u></b> Children will use spoken language to develop understanding through speculating, inferring, imagining and exploring ideas. They will be able to give well-structured descriptions, explanations and narratives for different purposes, including expressing feelings. Children will use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas. Through class discussions, children will consider and evaluate different viewpoints, attending to and building on the contributions of others.</p> <p><b><u>Handwriting :</u></b> Children's will continue learn to write legibly, fluently and with increasing speed. Children will join letters appropriately in independent writing, and be aware of the break-letters that are not joined.</p> <p><b><u>Spellings :</u></b> Each week, children will practice new spellings by using 'look, say, cover, write and check', as well as learning spelling rules to reinforce this. Weekly homework will include spellings.</p>
<b>Mathematics</b>	<p>During the Spring term the children will continue to consolidate all areas of their Mathematical learning, with an emphasis on gaining a deeper understanding through developing their reasoning and problem solving skills.</p> <p><b><u>Number and place value :</u></b> Children will continue to develop confidence when using large numbers up to 10,000,000 and, when using negative numbers in context, be able to confidently calculate intervals across zero.</p> <p><b><u>Addition, Subtraction, Multiplication and Division :</u></b> Children will be using the formal written methods to calculate problems using all four operations. They will use their knowledge of the order of operations to carry out calculations involving all four operations. Children will solve multi-step problems in context, deciding which operation and method to use and why. Children will use estimation to check answers and determine an appropriate degree of accuracy in the context of the problem.</p> <p><b><u>Fractions, Decimals and Percentages :</u></b> Children will be able to recall and use equivalences between fractions, decimals and percentages, and use this to solve problems in different contexts. They will be able to find fractions and percentages of amounts with increasing fluency.</p> <p><b><u>Algebra :</u></b> Children will learn how to use simple formulae, including how to generate and describe linear number sequences and express missing number problems algebraically.</p> <p><b><u>Measurement :</u></b> Children will be able to use, read, write and convert between standard units, converting measurements of length, mass and time from a small unit of measure to a larger unit, and vice versa. They will learn how to solve problems involving the calculation and conversion of units of</p>

	<p>measure, including using decimal notation to three decimal places where appropriate.</p> <p><b>Statistics :</b> Children will consolidate their learning on data collection and interpretation, including representing data in different ways. They will learn how to calculate, interpret and express an average as the mean, median and mode.</p> <p><b>Time tables :</b> Children will have daily times tables practise, during which they will take part in a range of games and activities to develop rapid recall of multiplication and division facts for all tables up to 12 x 12. This will also be tested weekly.</p>
<b>Science</b>	<p><b>Electricity and Scientists and their Inventions :</b> Children will spend the first half term using a series of hands-on practical lessons to investigate electricity including: building circuits that make a light or buzzer work; experimenting how to alter the brightness of a bulb or the volume of a buzzer; understanding the effect of voltage and applying their skills into a combined DT project. During the second half-term the children’s science lessons will focus on famous scientists and how their work, or their inventions, have contributed to the scientific world. They will study: Stephen Hawking, Alexander Fleming, Steve Jobs, Mary Leakey and more. Throughout all science learning, children will develop the skills of working scientifically through making observations over time, noticing patterns, conducting comparative and fair tests.</p>
<b>Computing</b>	<p><b>Spreadsheets, Coding and Blogging :</b> The children will learn how to use a spreadsheet to calculate in real life contexts, using formula to solve problems and aid financial planning. They will continue develop their skills in coding, using programming to control objects and give them their specific functions, controlling how they interact within their defined environments. Children will then learn how to create and responsibly use a blog as an informative text, considering the impact on their audience and guarding against cyberbullying.</p>
<b>P E</b>	<p>This year the children in Year 6 will have one PE lesson a week taught by specialist PE coaches (Soccer 2000) and one PE lesson per week taught by the class teacher.</p> <p>During Spring term, children will focus on using verbal and non-verbal communication during team games / sports where its application will be</p>

	<p>tested in order to succeed together in a common goal. They will also be developing leadership qualities and the understanding behind rules of the game.</p> <p>In the second half of the term the pupils will be taught gymnastics. They will learn balance, create sequences and use a variety of apparatus.</p>
<p><b>Foundation</b></p>	<p><b><u>Art and Design :</u></b> Children will experiment and develop their skills in drawing with a range of media, and creating Islamic art and graffiti art based on the work of Banksy.</p> <p><b><u>Geography and History :</u></b> Children will begin the Spring Term with a study of Early Islamic Civilisation. They will learn about the Importance of Baghdad, the First Four Caliphs and Trade and Power. In the second half of the Spring Term, children will find out about the Continents, Countries and Cities that make up the Americas. They will then compare landscapes, climates and places before planning a trip to their favourite destination in the Americas.</p> <p><b><u>French</u></b> The children will have opportunities to speak, listen and write in French over the Spring term. They will study topics relating to Family and Friends, Food and All About Me, as well as consolidating their conversational vocabulary.</p>