



## Curriculum Overview Autumn 2020 Year 5

Subject	Autumn Term	
R.E.	<p><b><u>Creation Unit A</u></b>            This unit outlines some key beliefs about the creation of human beings and the creation of the world. It introduces human beings and the creation of the world. It introduces the children to the story of creation as a way of explaining that God is creator, rather than a re-telling of the order of the created world. It will help teachers to reflect with the children on their God given talents and living their lives in response to the teaching of Christ.</p> <p><b><u>Baptism Unit E</u></b>            The unit explores the role of John the Baptist in the Baptism of Jesus and provides an opportunity for an in depth study of the signs, symbols and prayers associated with the Sacrament of Baptism.</p>	<p><b><u>Unit F Parables and the Sayings of Jesus</u></b>            In this unit children gain a greater knowledge and understanding of the Parables of Jesus. They explore the concept of the Kingdom of God from the teachings of Jesus and ways in which Christians respond to this teaching today through their belonging to the Church.</p> <p><b><u>Advent Unit C</u></b>            This unit links the Old Testament and the New Testament in terms of preparing for the coming of Christ during the Season of Advent.</p>
English	<ul style="list-style-type: none"> <li>• The children will be studying <i>The Boycott Blues</i> by Andrea Davis Pinkney and Brian Pinkney</li> <li>• They will look at biographical texts dealing with the life of Rosa Parks and Carlos Acosta.</li> <li>• They will study visual literacy taken from BBC <i>Doctor Who</i> and <i>Horrible Histories</i>.</li> <li>• They will look at song lyrics based on the blues by Sam Cooke and others</li> <li>• They will look at modal verbs.</li> <li>• Use expanded noun phrases to inform,</li> <li>• Use relative clauses to add further detail</li> </ul>	<ul style="list-style-type: none"> <li>• They will write biographies on Rosa Parks and Carlos Acosta and consider the effects of formal writing, use of sub-headings, third person pronouns.</li> <li>• They will study Historical Narratives related to these people and create fact files.</li> <li>• They will write newspaper reports about the Bus Boycott, which will include 'eye witness' statements.</li> <li>• They will develop their understanding of clauses by studying relative clauses.</li> <li>• They will learn how to link ideas across paragraphs.</li> <li>• They will continue to develop sentence structure by practising different types of sentences.</li> </ul>

- Begin to use **passive voice** to remain formal or detached,
- Begin to use **colons** to link related clauses,

- **These skills will be practised daily due to time lost as a result of Lockdown:**
- **They will explore syntax, correct use of punctuation and grammar when writing sentences**
- **They will revise spelling words with prefixes and suffixes.**

## Mathematics

- *Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.*
- *Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000.*
- *Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.*
- *Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).*
- *Add and subtract numbers mentally with increasingly large numbers.*
- *Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.*

### Statistics

- Solve comparison, sum and difference problems using information presented in a line graph
- Complete, read and interpret information in tables, including timetables
- **These skills will be practised daily to make up for time lost due to Lockdown:**
- **Times tables**
- **Number bonds to 10, 100, 1,000, 10,000**
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### Multiplication and Division

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- - Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- - Establish whether a number up to 100 is prime and recall prime numbers up to 19
- - Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- - Multiply and divide numbers mentally drawing upon known facts
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Recognise and use square numbers and cube numbers, and the notation for squared (<sup>2</sup>) and cubed (<sup>3</sup>)
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

		<ul style="list-style-type: none"> <li>• <u>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</u></li> </ul> <p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>• <u>Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</u></li> <li>• Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</li> <li>• <u>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</u></li> <li>• <u>Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</u></li> <li>• Estimate volume [for example, using 1 cm<sup>3</sup> blocks to build cuboids (including cubes)] and capacity [for example, using water]</li> <li>• <b>M6</b> - Solve problems involving converting between units of time</li> <li>• <b>M7</b> - Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.</li> <li>• <b>Times tables</b></li> <li>• <b>Number bonds to 10, 100, 1,000, 10,000</b></li> </ul>
<p><b>Science</b></p>		<p><u>Diet and Exercise</u></p> <p>The children will learn about:</p> <ul style="list-style-type: none"> <li>• recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</li> </ul>

		<ul style="list-style-type: none"> <li>• Understand the role of diet for an athlete.</li> <li>• Know that muscles need to be warmed up and down to prevent injury.</li> <li>• Identify the amount and type of exercise needed to keep the body healthy and sports fit.</li> <li>• To note that some traits are inherited, and others develop due to environmental factors.</li> <li>• To investigate some inherited traits that impact positively on sports performance</li> </ul>
Computing		<p><b>The children will learn:</b></p> <ul style="list-style-type: none"> <li>• <b>How to use CODE to explore simple programming in computing</b></li> </ul>
Topic (History/ Geography)	<p>The American Civil Rights Movement</p> <p>The children will learn about:</p> <ul style="list-style-type: none"> <li>• The slave trade.</li> <li>• The abolition of slavery</li> <li>• The Civil Rights marches</li> <li>• Rosa Parks</li> <li>• Martin Luther King</li> </ul>	<p>The children will learn about the geography of the North American continent including:</p> <ul style="list-style-type: none"> <li>• Countries</li> <li>• Borders</li> <li>• Ocean and seas</li> <li>• Key states and cities</li> <li>• Mountains, volcanoes, major rivers</li> <li>• Map references</li> </ul>
D / T		<b>Design and make a healthy pasta dish for an athlete</b>
PSHE	<p style="text-align: center;"><b>Dotcom Scheme</b></p> <p style="text-align: center;">The children will explore themes such as: the values of true friendship, courage and kindness as opposed to bullying, gangs and not respecting others.</p> <p style="text-align: center;"><b>TenTen</b></p> <p>The children will explore relationships and the physical changes that occur during their lives.</p>	
Art	<p>The children will study figure and form. They will look at portraiture from a variety of artists including Lauren Wheeler Waring. They will study sculpture and look at the work of Anthony Gormley and Barbara Hepworth</p>	
PE	Taught by Miss Dartnell	
Music	<p>We will study rhythm using percussion and how to play and count a twelve bar blues. We will look at the work of Sam Cooke, Billie Holiday, Duke Ellington and Count Basie.</p>	

**Rights  
Respecting  
Schools**

**Year 5 has chosen to focus on:**

**Article 2 - Every child has a right to live without discrimination whatever their ethnicity, gender, religion, language or ability.**

**Article 13 - Every child must be free to express their own thoughts and opinions.**

**Article 28 - Every child has the right to an education.**

**Article 31: Every child has the right to relax, play and take part in cultural and artistic activities.**