

**Year 5**  
**Spring Term 2016**  
**Curriculum Overview**

Subject	Spring Term	
<b>R.E.</b>	<p style="text-align: center;"><u>Unit D</u> <u>Christmas</u></p> <p>I know the main parts of the Christmas Story. I know that many of the characters had to face difficulties.</p> <p style="text-align: center;"><u>Unit F</u> <u>Parables and sayings of Jesus</u></p> <p>I know some of the parables Jesus told. I understand that Jesus used the words "The Kingdom of God". I can explain what he meant. I can think of some ways in which the Church lives out this teaching of Jesus.</p>	<p style="text-align: center;"><u>Unit G</u> <u>Lent</u></p> <p>I know that during Lent we try to change to become more like Christ. I understand that I can hurt others by my words and actions. I know that the Sacrament of Reconciliation celebrates God's forgiveness.</p> <p style="text-align: center;"><u>Unit H</u> <u>Holy Week</u></p> <p>I know the events of Holy Week. I understand why some people wanted to kill Jesus. I understand how we can link the Passover, the Last Supper and the Mass.</p>
<b>English</b>	<p><b>Poetry and Poems with structure.</b> (2 weeks) Linking to science day (space) and then starting in the South America topic.</p> <p><b>Narrative Writing</b> (2 weeks) Linking to the South America topic.</p> <p><b>Films and Play scripts</b> (2 weeks) James and the Giant Peach by Roald Dahl</p>	<p><b>Legends</b> (2 weeks) Linked to Greek Mythology Pandora's Box, Theseus and the Minotaur and Heracles.</p> <p><b>Magazine Articles</b> (2 weeks) Linked to South America Topic</p> <p><b>Classic Narrative Poetry (3 weeks)</b> The Highwayman Alfred Noyes Robert Louis Stevenson- From a railway carriage. The ABC by Spike Milligan.</p>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>• Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.</li> <li>• Round any number up to 1000000 to the nearest 10, 100, 1000, 10,000 and 100,000.</li> <li>• Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).</li> <li>• Add and subtract numbers mentally with increasingly large numbers.</li> <li>• Use rounding to check answers to calculations.</li> <li>• Solve addition and subtraction multi-step problems in contexts.</li> <li>• Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.</li> <li>• Solve problems involving converting between units of time.</li> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.</li> <li>• Draw given angles, and measure them in degrees (o)</li> <li>• Identify: angles at a point and one whole turn (total 360o), Angles at a point on a straight line and ½ a turn (total 180o), Other multiples of 90o. .</li> <li>• Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</li> <li>• Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</li> <li>• Read and write decimal numbers as fractions (for example, 0.71 = 71/100)</li> <li>• Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.</li> <li>• Solve problems which require knowing percentage and decimal equivalents of ½ , ¼ , 1/5 , 2/5 , 4/5 and those fractions with a denominator of a multiple of 10 or 25.</li> <li>• Solve comparison, sum and difference problems using information presented in a line graph.</li> </ul>
<b>Science</b>	<p><b>Properties and changes of Materials</b> Children will learn:</p> <ul style="list-style-type: none"> <li>• How to compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</li> </ul>	<p style="text-align: center;"><b>Forces</b></p> <p>Children will learn:</p> <ul style="list-style-type: none"> <li>• That unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</li> <li>• How to identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> </ul>

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	<ul style="list-style-type: none"> <li>• That some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</li> <li>• How to use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</li> <li>• How to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.</li> </ul>	<ul style="list-style-type: none"> <li>• How to recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</li> </ul>
<b>Computing</b>	<p style="text-align: center;"><b>Unit 3 – We are artists</b></p> <ul style="list-style-type: none"> <li>• Create tessellations using Inkscape.</li> <li>• Use Scratch to create Islamic- style art.</li> <li>• Use Inkscape to create art in the style of Bridget Riley.</li> <li>• Create landscapes in Terragen Classic.</li> </ul>	<p style="text-align: center;"><b>Unit 4- We are web developers</b></p> <ul style="list-style-type: none"> <li>• Discuss ideas for creating a web site.</li> <li>• Learn how Search works.</li> <li>• Build your web pages.</li> <li>• Add artwork, audio and video to your pages.</li> <li>• Review, and help improve, each other's pages.</li> <li>• Collect final feedback and publish your site.</li> </ul>
<b>Topic (History/ Geography)</b>	<p><b>South America</b> Linking to music with the rainforest map. Make up of South America name and locate counties and cities within the continent, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers).</p>	
<b>D / T</b>	<p><b>South America</b> <b>Traditional Art</b> Children will look at the various forms of tribal art originating in South America and use 3D mediums to replicate traditional pottery and masks.</p>	
<b>PSHE</b>	<p><b>Dotcom Scheme</b> This term the children will be continuing the Year 5 Unit 'Values vs Violence'.</p>	
<b>Art</b>	<p><b>Space</b> <b>Collage</b> Use a variety of materials to create space scenes and/or aliens. Designs to be developed from real/imaginary source materials.</p> <p style="text-align: center;"><b>South America</b> <b>Traditional Art</b> Children will look at the various forms of tribal art originating in South America and used mixed mediums to replicate them.</p>	
<b>PE</b>	<p><b>Games- Wednesday morning. Mr Collins</b></p>	
<b>Music</b>	<p><b>Taught by Ms J Davis</b></p>	
<b>Spanish</b>	<p><b>Taught by Senora Dormi</b></p>	