

# St Margaret's-at-Cliffe Curriculum Overview for Class 5 Term 2 - 2015

<p><b>Reading</b> Apply knowledge of root words, prefixes and suffixes. Maintain positive attitude to reading by reading a wide range of books. Maintain positive attitude to reading by identifying themes and conventions across a range of writing. Make comparisons across books. Learning poetry by heart. Prepare poetry to read aloud. To understand what they read by drawing inferences and justifying inferences with evidence. To understand what they read by summarising main ideas, identifying key detail to support main ideas. Identify how language &amp; structure contribute to meaning. Discuss and evaluate how authors use language, including figurative language &amp; discuss impact on the reader. To retrieve, record &amp; present information from non-fiction. Participate positively in discussions about books. Ask questions to improve understanding of what has been read. To provide reasoned justifications for their views.</p>	<p><b>English</b></p> <p><b>Writing Transcription</b> Use prefixes and suffixes and understand guidelines for using them. Spell words with silent letters. Distinguish between homophones. Use knowledge of morphology and etymology in spelling. Use dictionaries to check meaning and spelling of words. Use a thesaurus. Write legibly and fluently.</p> <p><b>Writing Composition</b> Plan writing by identifying audience and purpose. Plan writing by noting and developing initial ideas, organisational and presentational devices to structure text and guide the reader. Plan writing for narratives by considering how authors have developed characters and settings. Use appropriate vocabulary &amp; grammar to enhance meaning.</p> <p><b>Writing Composition</b> Describe settings, characters and atmosphere. Build cohesion within and across paragraphs. Use organisational devices to guide the reader. Assess effectiveness of own &amp; others writing. Select appropriate grammar and vocabulary. Ensure the consistent and accurate use of tense. Ensure correct verb and subject agreement. Perform own compositions using appropriate intonation, volume and movement. Use commas to clarify meaning. Use hyphens to avoid ambiguity. Use semi colons, colons or dashes to mark boundaries between clauses. Understand grammatical terminology.</p>	<p><b>Art &amp; Design</b></p> <ul style="list-style-type: none"> <li>• Improve mastery of drawing through still life observations.</li> <li>• Develop observational skills</li> <li>• Develop awareness of shape, size, form and scale.</li> <li>• Adapt and refine our work</li> <li>• Experiment with colour and tone.</li> <li>• Learn how to build a painting in layers starting with the background</li> </ul>	<p><b>Computing – Coding</b></p> <ul style="list-style-type: none"> <li>• Design, debug and write programs that accomplish specific goals, including controlling or simulating physical systems.</li> <li>• Use sequence, selection and repetition in programs</li> <li>• Work with variables and various forms of input and output.</li> <li>• Use logical reasoning to detect and correct errors in programs</li> </ul>
<p><b>Number and Place Value</b> Understand the effect of, and the relationship between, the four operations. To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. To multiply numbers up to four digits by 1/2 digit number using a formal written method, including long multiplication for two digit numbers. To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. To solve problems involving subtraction, addition, multiplication and division understanding the meaning of the equals sign. To multiply and divide numbers mentally drawing upon known facts. To solve problems involving multiplication and division including scaling and simple rates.</p>	<p><b>Maths</b></p> <p>To divide numbers up to four digits by 1 digit number using a formal written method and interpret remainders appropriately in context. To compare and order fractions whose denominators are all multiples of the same number. To read and write decimal numbers as fractions [for example, 0.71 = 71/100]. To read, write, order and compare numbers with up to three decimal places. To round decimals with two decimal places to the nearest whole number and to one decimal place. To recognise and use one thousandths and relate them to hundredths, tenths and decimal equivalents. To solve real life problems with numbers up to three decimal places.</p> <p><b>SHAPE</b> To calculate the area and perimeter of composite rectilinear shapes. To distinguish between regular and irregular polygons based on reasoning equal sides and angles.</p> <p>To use the properties of rectangles to deduce related facts and find missing lengths and angles. To identify 3D shapes including cubes and cuboids from 2D representations.</p> <p><b>Measurement</b> To understand &amp; use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. To measure and calculate the perimeter of squares and rectangles in centimetres. To calculate and compare the area of squares and rectangles including using standard units. To convert between different units of measure. To solve problems involving addition and subtraction of units of length. To calculate and compare the area of rectangles including using standard units, square centimetres and square metres. To complete, read and interpret information in tables, including time tables.</p>	<p><b>Design &amp; Technology</b></p> <ul style="list-style-type: none"> <li>• Consider the characteristics of toys with a cam mechanism</li> <li>• Make a prototype to test out design ideas</li> <li>• Cut and join with accuracy to ensure a good-quality finish to the product</li> <li>• Evaluate finished product and design</li> </ul>	<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>• Use geographical questions to develop awareness of how places relate to each other</li> <li>• Use and interpret atlases and maps</li> <li>• Use secondary sources</li> <li>• Use geographical vocabulary to identify physical and human features</li> <li>• Recognise the features that make locations suitable for settlement</li> <li>• Recognise OS map symbols</li> <li>• Use map reading skills as key to build their knowledge of the United Kingdom and the wider world.</li> </ul>
<p><b>Science – Space and Solar System</b></p> <ul style="list-style-type: none"> <li>• Describe the movement of earth and other planets and moons relative to the sun</li> <li>• Describe the sun, earth and moon as spherical bodies</li> <li>• Describe the movement of the moon relative to Earth</li> <li>• Understand that the earth's rotation causes day/night and the apparent movement of the sun</li> </ul>	<p><b>History – Vikings</b></p> <ul style="list-style-type: none"> <li>• Understand how the Vikings travelled so far</li> <li>• Resistance led by Alfred the Great</li> <li>• Athelstan and Danegeld</li> <li>• Edward the Confessor</li> <li>• Viking place names</li> </ul>	<p><b>Modern Languages - French</b></p> <ul style="list-style-type: none"> <li>• Listen attentively to spoken language and show understanding by joining in and responding</li> <li>• Speak in simple language and be understood</li> <li>• Develop appropriate pronunciation</li> <li>• Understand basic grammar – gender</li> <li>• Vocabulary for numbers, weather, school, town</li> <li>• School equipment</li> <li>• Masculine and feminine article</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>• Listen with attention to detail and recall sounds with increasing aural</li> <li>• Improvise and compose music for a range of purposes using the interrelated dimensions of music</li> <li>• Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</li> </ul>
		<p><b>Physical Education – Netball</b></p> <ul style="list-style-type: none"> <li>• Play competitive games and apply basic principles suitable for attacking and defending</li> <li>• Develop technique, control and balance</li> <li>• Understand use and control of space</li> <li>• Develop team work</li> <li>• Compare their performances with previous ones and demonstrate improvement to achieve their personal best</li> </ul>	<p><b>Religious Education – Celebrations: Christmas Journeys</b></p> <p>To understand people make special journeys to places of religious significance Discuss the importance of Bethlehem for many Christians To understand story of the birth of Jesus is of central importance in Christianity understand reasons why know the story of Mary and Joseph's journey to Bethlehem Explain the significance to Christians of key features of the nativity story Discuss the ways in which beliefs and religious ideas can be expressed differently through art and literature</p>

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