

St Margaret's at Cliffe Curriculum Overview for Year 5 Term 5 2018 - 2019

<p>English</p> <p>Maintain positive attitude to reading by reading a wide range of books including fiction, poetry and plays.</p> <p>Maintain positive attitude to reading by reading a wide range of books including myths, legends and traditional stories from our heritage and from other cultures</p> <p>Maintain positive attitude to reading by identifying themes and conventions across a range of writing.</p> <p>Make comparisons across books</p> <p>Discuss and evaluate how authors use language, including figurative language & discuss impact reader.</p> <p>To retrieve, record and present information from non-fiction.</p> <p>Participate positively in discussions. Explain and discuss understanding through formal presentations and debates. Ask questions to improve understanding of text.</p> <p>To distinguish between statements of fact and fiction. Use prefixes & suffixes & understand guidelines for using them.</p> <p>Spell words with silent letters. Distinguish between homophones. Use knowledge of morphology and etymology in spelling.</p> <p>Use dictionaries to check meaning and spelling of words. Use a thesaurus. Write legibly and fluently.</p> <p>To evaluate and edit by assessing the effectiveness of own and others writing. Plan writing by noting and developing initial ideas, organisational and presentational devices to structure text and guide the reader.</p> <p>Select appropriate grammar and vocabulary.</p> <p>Describe settings, characters and atmosphere and integrate dialogue to move action forward.</p> <p>Precis longer passages. Build cohesion within and across paragraphs.</p> <p>Use organisational devices to guide reader. Assess effectiveness of own & others writing</p> <p>Perform own compositions using appropriate intonation, volume and movement</p> <p>Use commas to clarify meaning Understand grammatical terminology. Use relative clauses Use bullet points. Use and understand grammatical terminology.</p>	<p>Mathematics</p> <p>To recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number.</p> <p>To add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p> <p>To know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles.</p> <p>To identify: angles at a point and one whole turn, angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°), other multiples of 90°.</p> <p>To use the properties of rectangles to deduce related facts and find missing lengths and angles.</p> <p>To distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</p> <p>To estimate volume: using 1cm^3 blocks to build cuboids.</p> <p>To solve problems involving measure including volume using decimal notation and scaling. To add and subtract whole numbers with more than four digits. Use rounding to check answers for level accuracy.</p> <p>Solve problems involving number to 3 decimal places.</p> <p>To add and subtract numbers mentally with increasingly large numbers.</p> <p>To solve addition & subtraction multistep problems in context, deciding operations and methods to use.</p> <p>To solve problems involving addition, subtraction, multiplication and division and a combination of these.</p> <p>To divide numbers up to four-digits by a one-digit number using the formal written method of short division and interpret remainders appropriately.</p> <p>To multiply numbers up to four-digits by one or two digit numbers using formal written method.</p>		
<p>Music</p> <p>Use and understand staff and other musical notation.</p> <p>Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.</p> <p>Identify contrasting moods and sensations.</p> <p>Use ICT to change and manipulate sounds.</p> <p>Explain how sounds can create different intended effects.</p>	<p>Geography</p> <p>Describe and understand key aspects of climate zones, biomes and vegetation belts, volcanoes and earthquakes.</p> <p>Describe types of settlement and land use, economic activity, and the distribution of natural resources including energy, food, minerals and water.</p> <p>To observe, measure, record and present features in the local area.</p>	<p>History</p> <p>Using a variety of sources that show political, social and cultural aspects of Ancient Greek Life we will consider the achievements and legacy of the Ancient Greeks and how they influenced the world in which we live today.</p> <p>Who were the Ancient Greeks?</p> <p>Ancient Greek Democracy.</p> <p>Ancient Greek Olympics.</p> <p>The Battle of Marathon, The Trojan war</p> <p>Gods and goddesses.</p>	<p>Computing</p> <p>Design, write and debug programs that accomplish specific goals, solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Linking into work across the curriculum.</p> <p>Explore spreadsheets entering basic formulae</p>

<p>RE</p> <p>Make connections between how believers feel about places of worship in different traditions Select and describe the most important functions of a place of worship for the community Give examples of how places of worship support believers in difficult times, explaining why this matters to believers Present ideas about the importance of people in a place of worship, rather than the place itself</p>	<p>PSHE</p> <p>Being Responsible Communicate and share ideas effectively Be an active learner Take control of my own learning Set myself goals or challenges.</p>	<p>Design and Technology</p> <p>Evaluating the design of musical instruments. Comparing suitable materials. Constructing techniques. Designing the finished presentation and quality of musical instrument.</p>	<p>Physical Education</p> <p>Athletics</p> <p>Understand the basic principles for warming-up. Understand why exercise is good for you. To work together and take turns. To know how to warm up. Sustain their pace over longer distances and run more rhythmically. Throw over-arm with greater control. Perform a range of jumps showing control and consistency. Understand the basic principles of relay Evaluate partner's performance. Identify good points and suggest ways of improving</p>
<p>Art and Design</p> <p>Collect visual and other information to help develop ideas. Explore ideas for container forms. Investigate and combine visual and tactile qualities of materials and processes. Apply experience of materials and processes, developing control of tools and techniques. Design images and artefacts from Ancient Greece. Compare ideas, methods and approaches in our own, and others' work and say what we think and feel about them.</p>		<p>Science</p> <p>To be able to compare and group together everyday materials based on evidence from comparative and fair tests, including their conductivity of heat. To be able to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials. To be able to measure accurately using a thermometer. To be able to record data in a line graph. To be able to use test results to make predictions to set up further comparative and fair tests. To be able to report and present findings from enquiries, conclusions and explanations To be able to plan a scientific enquiry that will answer a question. To be able to understand that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. To be able to recognise control variables when planning a fair-test. To be able to use knowledge of solids, liquids and gases to decide how mixtures might be separated, including filtering, sieving and evaporating. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.</p>	