

# Curriculum Overview for Year 5

<p><u>Reading</u></p> <p>Apply knowledge of morphology &amp; etymology when reading new words</p> <p>Reading &amp; discuss a broad range of genres &amp; texts (Kipling, Shakespeare, The Hobbit)</p> <p>Identifying &amp; discussing themes</p> <p>Make recommendations to others</p> <p>Learn poetry by heart (Rosen vs McGough, Hilaire Belloc)</p> <p>Draw inference &amp; make predictions</p> <p>Discuss authors' use of language</p> <p>Retrieve &amp; present information from non-fiction texts.</p> <p>Formal presentations &amp; debates</p>	<p><u>Writing</u></p> <p>Secure spelling, inc. homophones, prefixes, silent letters, etc.</p> <p>Use a thesaurus</p> <p>Legible, fluent handwriting</p> <p>Plan writing to suit audience &amp; purpose</p> <p>Develop character, setting and atmosphere in narrative</p> <p>Use organisational &amp; presentational features</p> <p>Use consistent appropriate tense</p> <p>Proof-reading</p> <p>Perform own compositions</p>	<p><u>Grammar</u></p> <p>Use expanded noun phrases</p> <p>Use modal &amp; passive verbs</p> <p>Use relative clauses</p> <p>Use commas for clauses</p> <p>Use brackets, dashes and commas for parenthesis</p> <p><u>Speaking &amp; Listening</u></p> <p>Give well-structured explanations</p> <p>Command of Standard English</p> <p>Consider &amp; evaluate different viewpoints</p> <p>Use appropriate register</p>	<p><u>Art &amp; Design</u></p> <p>Develop skills in using clay: Saxon masks</p> <p>Use different grades of threads and needles: calendar</p> <p>Use fabrics to create 3D structures: felt xmas decorations</p> <p>Add collage to a painted, printed or drawn background: rainforest collages</p> <p>Develop a painting from a drawing: Bayeux tapestries (Crime and Punishment)</p> <p>Print rune patterns - Saxon theme on paper/plain fabric</p> <p>Photography:</p>	<p><u>Computing</u></p> <p>Teach E-safety during an E-safety week</p> <p>Digital literacy: chn create PPT presentations during Geography UK work; use of Starz to send emails and create a blog</p> <p>Record videos/photographs and sound bytes using digicams and sound recorders to create own files that they can upload onto their own Starz areas</p> <p>Use of Audacity to edit their own sound bytes</p> <p>Programming: Use of Scratch to create a computer game</p> <p>Research: all topic areas, including Crime &amp; Punishment to browse the internet safely and collect data</p> <p>Present data about the rainforest using pie charts, bar charts, etc</p>
<p><u>Number/Calculation</u></p> <p>Secure place value to 1,000,000</p> <p>Use negative whole numbers in context</p> <p>Use Roman numerals to 1000 (M)</p> <p>Use standard written methods for all four operations</p> <p>Confidently add &amp; subtract mentally</p> <p>Use vocabulary of prime, factor and multiple</p> <p>Multiply &amp; divide by powers of ten</p> <p>Use square and cube numbers</p>	<p><u>Geometry &amp; Measures</u></p> <p>Convert between different units</p> <p>Calculate perimeter of composite shapes and area of rectangles</p> <p>Estimate volume and capacity</p> <p>Identify 3-d shapes</p> <p>Measure and identify angles</p> <p>Understand regular polygons</p> <p>Reflect and translate shapes</p> <p><u>Data</u></p> <p>Interpret tables &amp; line graphs</p> <p>Solve questions about line graphs</p>	<p><u>Fractions</u></p> <p>Compare and order fractions</p> <p>Add and subtract fractions with common denominators, with mixed numbers</p> <p>Multiply fractions by units</p> <p>Write decimals as fractions</p> <p>Order and round decimal numbers</p> <p>Link percentages to fractions and decimals</p>	<p><u>Design &amp; Technology</u></p> <p>Joining fabrics using different stitches: Christmas decorations and calendar</p> <p>Structure: create a shell/casing for the moving toy mechanism</p> <p>Use mechanical systems such as cams, pulleys and gears: children choose mechanism and build in their moving toy</p> <p>Show awareness of a healthy diet (using the eatwell plate): healthy week</p> <p>Select and prepare foods for a particular purpose: Judaism - eat kosher food</p> <p>Make fritatta: South America/Rainforest topic</p> <p>Work with stiff/flexible materials to make a photo/picture frame - Earth/Moon and Sun Science link</p>	<p><u>Geography</u></p> <p>Map work of UK: a study of a UK county, covering social/physical geography</p> <p>Giving directions using 8-point compass and using ordnance survey maps, giving and using 6-point grid references</p> <p>To research an area relating to South America: rainforests/ settlements (human and physical geography), etc</p>
<p><u>Science</u></p> <p>The children will learn about different forces, including gravity, air resistance; explain levers/pulleys/gears; magnets; upthrust; they will learn who scientists like Galileo and Newton are and why they are famous; they will design, make and test parachutes and spinners</p> <p>The children will learn that sounds are caused by vibrations; they will discuss how to make them louder/quieter; understand how sound travels to the ear; find features with pitch and shape of an object; explain that sound reduces and why when increased distance; look at insulation</p> <p>States of matter - look at properties and grouping (solubility, hardness, transparency, conductivity [thermal and electrical] and magnetism); separation of solids and solutes from liquids and solutions; changes: evaporation. - reversible and irreversible changes; separating mixtures</p> <p>Earth and space - movement in solar system; seasons and weather; moon; shapes; day and night, make shadow clocks; ancient civilisations and sun clocks; Scientists: Copernicus/ Ptolemy, etc</p>	<p><u>History</u></p> <p>We will find out when the Mayan period fits within other British chronology</p> <p>They will learn where the Mayans live and why</p> <p>They will learn about the important aspects of Mayan life: education, religion, cities, buildings</p> <p>The children will find out about Ancient Greeks: the Olympics, myths, gods and goddesses, what the Greeks did for us</p>		<p><u>Modern Foreign Languages</u></p> <p>Work often themed - eg on Earth/Moon/Sun relating to History/ Geography/Science/Food - use of authentic material, including literature: stories, music, etc</p> <p>Children develop a range of skills: listening, reading, speaking, writing French</p> <p>They develop grammar within speaking and writing</p> <p>Work on decoding skills/phonics skills (X-curricular benefits)</p>	<p><u>Music</u></p> <p>Children will listen to music by different composers and in a range of styles</p> <p>They will learn to play an instrument (choice) and will learn skills like developing rhythm and tempo</p> <p>They will learn the notations associated with written music and start to be able to read music</p> <p>They will compose simple compositions and perform these to others</p> <p>They will perform as part of a class orchestra to an audience</p>
			<p><u>Physical Education</u></p> <p>The children will learn skills and the rules of playing a competitive team sport (hockey) - including playing a match</p> <p>They will learn several traditional English dances (Molly dancing) and the associated folk stories - they will then perform these to an audience</p> <p>The children will learn competitive solo events in Athletics.</p> <p>They will learn key skills and set their own performance targets, in addition to performing competitively at sports day</p>	<p><u>Religious Education</u></p> <p>They will learn about Hinduism - gods and religious stories</p> <p>They will learn about being a Christian in other parts of the world, including in Vellore, S.India</p> <p>The children will learn about God and creation and find out about different creation myths</p> <p>They will compare Christianity and Judaism considering is faith what you do or what you see</p> <p>They will also consider certain elements of the Bible and consider whether it is like a handbook for living</p>