

Curriculum Overview Year 4 (Lower Key Stage 2)

<p>English</p> <p>Reading</p> <p>Secure decoding of unfamiliar words</p> <p>~ Read for a range of purposes</p> <p>~Retell some stories orally</p> <p>~ Discuss words & phrases that capture the imagination</p> <p>~ identify themes & conventions</p> <p>~Retrieve & record information</p> <p>~Make inferences & justify predictions</p> <p>~Recognise a variety of forms of poetry</p> <p>~ identify & summarise ideas</p> <p>Writing</p> <p>~ Correctly spell common homophones</p> <p>~Increase regularity of handwriting</p> <p>~Plan writing based on familiar forms</p> <p>~Organise writing into paragraphs</p> <p>~Use simple organisational devices</p> <p>~Proof-read for spelling & punctuation errors</p> <p>~Evaluate own and others' writing</p> <p>~Read own writing aloud</p> <p>Grammar</p> <p>~ Use wider range of conjunctions</p> <p>~Use perfect tense appropriately</p> <p>~Select pronouns and nouns for clarity</p> <p>~Use & punctuate direct speech</p> <p>~Use commas after front adverbials</p> <p>Speaking & Listening</p> <p>~Articulate & justify opinions</p> <p>~Speak audibly in Standard English</p> <p>~Gain, maintain & monitor interest</p>		<p>Science</p> <p>~Plants - functions of plants and what is needed for life and growth?</p> <p>~Skeletons—What is a skeleton for? What is a joint and a muscle?</p> <p>~ Rocks—How can we compare rocks? How are fossils formed?</p> <p>~Forces –Compare, observe and investigate different forces. How do magnets work?</p>		<p>Design and Technology</p> <p>~ Use research & criteria to develop products which are fit for purpose .</p> <p>~ Use annotated sketches and prototypes to explain ideas.</p> <p>~ Evaluate existing products and improve own work</p> <p>~ Use mechanical systems in own work.</p> <p>~ understand seasonality; prepare & cook mainly savoury dishes.</p>
<p>Maths</p> <p>Number/Calculation</p> <p>~ Know all tables to 12 x 12</p> <p>~Secure place value to 1000 & more</p> <p>~ Use negative whole numbers</p> <p>~ Round numbers to nearest 10, 100 or 1000</p> <p>~ Use Roman numerals to 100 (c)</p> <p>~ Written methods addition & subtraction, multiplication & division</p> <p>~Multiply & divide mentally</p> <p>Geometry & Measures</p> <p>Compare 2-d shapes, including quadrilaterals & triangles</p> <p>~ Find area by counting squares</p> <p>~Calculate rectangle perimeters</p> <p>~Estimate & calculate measures</p> <p>~ Identify acute, obtuse & right angles</p> <p>~ Identify symmetry</p> <p>~ Use first quadrant coordinates</p> <p>~ Introduce simple translations</p>		<p>Geography</p> <p>Locate worlds countries focussing on Europe & Americas focus on key physical & human features</p> <p>~Study a region of the UK (not local area)</p> <p>~ Use 8 points of compass, symbols and keys</p> <p>~ Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links etc.</p> <p>~Use fieldwork to observe, measure & record</p>	<p>Religious Education</p> <p>Continue to follow locally agreed syllabus for RE .</p> <p><u>Focus religions: Christianity/Judaism/Islam/Hinduism</u></p> <p>~ How , why and where people worship</p> <p>Special occasions</p> <p>~How and why are spiritual ideas expressed?</p>	<p>Music</p> <p>~ Use voice & instruments with increasing accuracy, control and expression</p> <p>~ Improvise & compose music</p> <p>~ Listen with attention to detail</p> <p>~ Appreciate wide range of live & recorded music</p> <p>~ Begin to develop understanding of history</p>
		<p>Physical Education</p> <p>~ Use running, jumping , catching and throwing in isolation and in combination</p> <p>~ Play competitive games, modified as appropriate</p> <p>~ Develop flexibility & control in gym, dance & athletics</p> <p>~ Compare performances to achieve personal bests.</p> <p>~ Mastering ABC & understanding their uses within sport.</p>		<p>Computing</p> <p>~ Design & write programs to achieve specific goals, including solving problems</p> <p>~ Use logical reasoning</p> <p>~ Understand computer networks</p> <p>~ Use internet safely and appropriately</p> <p>~ Collect and present data appropriately</p>
				<p>Art and Design</p> <p>~ Use sketchbooks to collect and record and evaluate ideas.</p> <p>~ Improve mastery of techniques such as drawing painting and sculpture with varied materials</p> <p>~ Learn about great artists, architects & designers</p>
				<p>History</p> <p>~Cycle A</p> <p>~ Stone Age —Non –European civilisation</p> <p>~ Mayans—Non –European civilisation</p> <p>Cycle B:</p> <p>~ Romans</p> <p>Anglo Saxons /Vikings</p>