

Curriculum Overview for Year 5

<p style="text-align: center;">English</p> <p>Reading</p> <ul style="list-style-type: none"> Apply knowledge of morphology & etymology when reading new words Reading & discuss a broad range of genres & texts Identifying & discussing themes Make recommendations to others Learn poetry by heart Draw inference & make predictions Discuss authors' use of language Retrieve & present information from non-fiction texts. Formal presentations & debates <p>Writing</p> <ul style="list-style-type: none"> Secure spelling, inc. homophones, prefixes, silent letters, etc. Use a thesaurus Legible, fluent handwriting Plan writing to suit audience & purpose Develop character, setting and atmosphere in narrative Use organisational & presentational features Use consistent appropriate tense Proof-reading Perform own compositions <p>Grammar</p> <ul style="list-style-type: none"> Use expanded noun phrases Use modal & passive verbs Use relative clauses Use commas for clauses Use brackets, dashes & commas for parenthesis <p>Speaking & Listening</p> <ul style="list-style-type: none"> Give well-structured explanations Command of Standard English <ul style="list-style-type: none"> Consider & evaluate different viewpoints Use appropriate register 	<p style="text-align: center;">Art & Design (UKS2)</p> <ul style="list-style-type: none"> Use sketchbooks to collect, record, review, revisit & evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects & designers 	<p style="text-align: center;">Computing (UKS2)</p> <ul style="list-style-type: none"> Design & write programs to solve problems Use sequences, repetition, inputs, variables and outputs in programs Detect & correct errors in programs Understand uses of networks for collaboration & communication Be discerning in evaluating digital content 	
<p style="text-align: center;">Mathematics</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> Secure place value to 1,000,000 Use negative whole numbers in context Use Roman numerals to 1000 (M) Use standard written methods for all four operations Confidently add & subtract mentally Use vocabulary of prime, factor & multiple Multiply & divide by powers of ten Use square and cube numbers <p>Geometry & Measures</p> <ul style="list-style-type: none"> Convert between different units Calculate perimeter of composite shapes & area of rectangles Estimate volume & capacity Identify 3-d shapes Measure & identify angles Understand regular polygons Reflect & translate shapes <p>Data</p> <ul style="list-style-type: none"> Interpret tables & line graphs Solve questions about line graphs <p>Fractions</p> <ul style="list-style-type: none"> Compare & order fractions Add & subtract fractions with common denominators, with mixed numbers Multiply fractions by units Write decimals as fractions Order & round decimal numbers Link percentages to fractions & decimals 	<p style="text-align: center;">Design & Technology (UKS2)</p> <ul style="list-style-type: none"> Use research & criteria to develop products which are fit for purpose and aimed at specific groups Use annotated sketches, cross-section diagrams & computer-aided design <ul style="list-style-type: none"> Analyse & evaluate existing products and improve own work Use mechanical & electrical systems in own products, including programming Cook savoury dishes for a healthy & varied diet 	<p style="text-align: center;">Geography (UKS2)</p> <ul style="list-style-type: none"> Name & locate counties, cities, regions & features of UK Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones Study a region of Europe, and of the Americas Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. Use 4- and 6-figure grid references on OS maps Use fieldwork to record & explain areas 	
<p style="text-align: center;">Science</p> <p>Biology</p> <ul style="list-style-type: none"> Life cycles of plants & animals (inc. mammal, insect, bird, amphibian) Describe changes as humans develop & mature <p>Chemistry</p> <ul style="list-style-type: none"> Classify materials according to a variety of properties Understand mixtures & solutions Know about reversible changes; identify irreversible <p>Physics</p> <ul style="list-style-type: none"> Understand location and interaction of Sun, Earth & Moon Introduce gravity, resistance & mechanical forces 	<p style="text-align: center;">History</p> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> Anglo-Saxons & Vikings, including: <ul style="list-style-type: none"> Roman withdrawal from Britain; Scots invasion - invasions, settlements & kingdoms Viking invasions; Danegald Edward the Confessor <p>Broader History Study</p> <ul style="list-style-type: none"> Ancient Greece, i.e. <ul style="list-style-type: none"> A study of Greek life and achievements and their influence on the western world 	<p style="text-align: center;">Modern Languages (UKS2)</p> <ul style="list-style-type: none"> Listen & engage Engage in conversations, expressing opinions Speak in simple language & be understood Develop appropriate pronunciation Present ideas & information orally Show understanding in simple reading Adapt known language to create new ideas Describe people, places & things Understand basic grammar, e.g. gender 	<p style="text-align: center;">Music (UKS2)</p> <ul style="list-style-type: none"> Perform with control & expression solo & in ensembles Improvise & compose using dimensions of music Listen to detail and recall aurally Use & understand basics of staff notation Develop an understanding of the history of music, including great musicians & composers
<p style="text-align: center;">Physical Education (UKS2)</p> <ul style="list-style-type: none"> Use running, jumping, catching and throwing in isolation and in combination Play competitive games, applying basic principles Develop flexibility & control in gym, dance & athletics Take part in Outdoor & Adventurous activities Compare performances to achieve personal bests Swimming proficiency at 25m (KS1 or KS2) 		<p style="text-align: center;">Religious Education</p> <p>Continue to follow locally-agreed syllabus for RE</p>	