

Curriculum Overview for Year 4

<h3 style="color: #000080;">English</h3> <p>Reading</p> <ul style="list-style-type: none"> Secure decoding of unfamiliar words Read for a range of purposes Retell some stories orally Discuss words & phrases that capture the imagination Identify themes & conventions Retrieve & record information Make inferences & justify predictions Recognise a variety of forms of poetry Identify & summarise ideas <p>Writing</p> <ul style="list-style-type: none"> Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing into paragraphs Use simple organisational devices Proof-read for spelling & punctuation errors Evaluate own and others' writing Read own writing aloud <p>Grammar</p> <ul style="list-style-type: none"> Use wider range of conjunctions Use perfect tense appropriately Select pronouns and nouns for clarity Use & punctuate direct speech Use commas after front adverbials <p>Speaking & Listening</p> <ul style="list-style-type: none"> Articulate & justify opinions Speak audibly in Standard English Gain, maintain & monitor interest of listeners 		
<h3 style="color: #000080;">Mathematics</h3> <p>Number/Calculation</p> <ul style="list-style-type: none"> Know all tables to 12×12 Secure place value to 1000 Use negative whole numbers Round numbers to nearest 10, 100 or 1000 Use Roman numerals to 100 (C) Column addition & subtraction up to 4 digits Multiply & divide mentally Use standard short multiplication <p>Geometry & Measures</p> <ul style="list-style-type: none"> Compare 2-d shapes, including quadrilaterals & triangles Find area by counting squares Calculate rectangle perimeters Estimate & calculate measures Identify acute, obtuse & right angles Identify symmetry Use first quadrant coordinates Introduce simple translations <p>Data</p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs 	<h3 style="color: #000080;">History</h3> <p>British History (taught chronologically)</p> <ul style="list-style-type: none"> Roman Empire & impact on Britain: <ul style="list-style-type: none"> <i>- Julius Caesar's attempted invasion</i> <i>- Roman Empire & successful invasion</i> <i>- British resistance, e.g. Boudicca</i> <i>- Romanisation of Britain</i> <p>Broader History Study</p> <ul style="list-style-type: none"> Earliest ancient civilisations, i.e. <ul style="list-style-type: none"> <i>- Ancient Sumer;</i> <i>- Indus Valley;</i> <i>- Ancient Egypt; or</i> <i>- Shang Dynasty of Ancient China</i> 	<h3 style="color: #000080;">Art & Design (LKS2)</h3> <ul style="list-style-type: none"> Use sketchbooks to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects & designers <h3 style="color: #000080;">Design & Technology (LKS2)</h3> <ul style="list-style-type: none"> Use research & criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve own work Use mechanical systems in own work Understand seasonality; prepare & cook mainly savoury dishes
<h3 style="color: #000080;">Science</h3> <p>Biology</p> <ul style="list-style-type: none"> Classify living things Digestive system & teeth Food chains <p>Chemistry</p> <ul style="list-style-type: none"> Changes of state The water cycle <p>Physics</p> <ul style="list-style-type: none"> Sound as vibrations Electricity: simple circuits & conductors 	<h3 style="color: #000080;">Modern Languages (LKS2)</h3> <ul style="list-style-type: none"> Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases Appreciate stories, songs, poems & rhymes Broaden vocabulary 	<h3 style="color: #000080;">Computing (LKS2)</h3> <ul style="list-style-type: none"> Design & write programs to achieve specific goals, including solving problems Use logical reasoning Understand computer networks Use internet safely and appropriately Collect and present data appropriately
<h3 style="color: #000080;">Geography (LKS2)</h3> <ul style="list-style-type: none"> Locate world's countries, focussing on Europe & Americas Study a region of the UK (not local area) Use 8 points of compass, symbols & keys Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc. Use fieldwork to observe, measure & record 	<h3 style="color: #000080;">Music (LKS2)</h3> <ul style="list-style-type: none"> Use voice & instruments with increasing accuracy, control and expression Improvise & compose music Listen with attention to detail Appreciate wide range of live & recorded music Begin to develop understanding of history 	<h3 style="color: #000080;">Religious Education</h3> <p>Continue to follow locally-agreed syllabus for RE</p>
<h3 style="color: #000080;">Physical Education (LKS2)</h3> <ul style="list-style-type: none"> Use running, jumping, catching and throwing in isolation and in combination Play competitive games, modified as appropriate Develop flexibility & control in gym, dance & athletics Compare performances to achieve personal bests <i>Swimming proficiency at 25m (KS1 or KS2)</i> 	<h3 style="color: #000080;">Education</h3>	