

Curriculum Overview for Year 4

<p style="text-align: center;">English</p> <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 <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 			<p style="text-align: center;">Art & Design (LKS2)</p> <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 		<p style="text-align: center;">Computing (LKS2)</p> <p>Design & write programs to achieve specific goals, including solving problems</p> <ul style="list-style-type: none"> Use logical reasoning Understand computer networks Use internet safely and appropriately Collect and present data appropriately 			
<p>Identify & summarise ideas</p>			<p style="text-align: center;">Design & Technology (LKS2)</p> <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 		<p style="text-align: center;">Geography (LKS2)</p> <ul style="list-style-type: none"> Locate world's countries, focussing on Europe & Americas focus on key physical & human features 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. 			
<p style="text-align: center;">Mathematics</p> <p>Number/Calculation</p> <ul style="list-style-type: none"> Know all tables to 12 x 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>Fractions & decimals</p> <ul style="list-style-type: none"> Recognise tenths & hundredths Identify equivalent fractions Add & subtract fractions with common denominators Recognise common equivalents Round decimals to whole numbers Solve money problems <p>Data</p> <ul style="list-style-type: none"> Use bar charts, pictograms & line graphs 			<p style="text-align: center;">Modern Languages (LKS2)</p> <ul style="list-style-type: none"> Understand seasonality; prepare & cook mainly savoury dishes Listen & engage Ask & answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words & phrases 		<p style="text-align: center;">Music (LKS2)</p> <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 			
<p style="text-align: center;">Science</p> <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 			<p style="text-align: center;">History</p> <ul style="list-style-type: none"> Changes in living memory (linked to aspects of national life where appropriate) <p>Key Individuals</p> <ul style="list-style-type: none"> Lives of significant historical figures, including comparison of those from different periods Significant local people <p>Key Events</p> <ul style="list-style-type: none"> e.g. Bonfire night Events of local importance 		<p style="text-align: center;">British History (taught chronologically)</p> <ul style="list-style-type: none"> Roman Empire & impact on Britain: <ul style="list-style-type: none"> Julius Caesar's attempted invasion Roman Empire & successful invasion British resistance, e.g. Boudicca Romanisation of Britain <p>Broader History Study</p> <ul style="list-style-type: none"> Earliest ancient civilisations, i.e. <ul style="list-style-type: none"> Ancient Sumer; Indus Valley; Ancient Egypt; or Shang Dynasty of Ancient China 		<p style="text-align: center;">Physical Education (LKS2)</p> <ul style="list-style-type: none"> Appreciate stories, songs, poems & rhymes Broaden vocabulary 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 Swimming proficiency at 25m (KS1 or KS2) 	

