

# Curriculum Overview Year 4 (Lower Key Stage 2)

<b>English</b>		
<b>Reading</b>	<b>Writing</b>	<b>Grammar</b>
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	~ 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	~ Use wider range of conjunctions ~Use perfect tense appropriately ~Select pronouns and nouns for clarity ~Use & punctuate direct speech ~Use commas after front adverbials  <b>Speaking &amp; Listening</b> ~Articulate & justify opinions ~Speak audibly in Standard English ~Gain, maintain & monitor interest

<b>Science</b>
~Plants - functions of plants and what is needed for life and growth? ~Skeletons—What is a skeleton for? What is a joint and a muscle? ~ Rocks—How can we compare rocks? How are fossils formed? ~Forces –Compare, observe and investigate different forces. How do magnets work?

<b>Religious Education</b>
Continue to follow locally agreed syllabus for RE . <u>Focus religions: Christianity/Judaism/Islam/Hinduism</u> ~ How , why and where people worship Special occasions ~How and why are spiritual ideas expressed?

<b>Modern Languages</b>
~ Listen and 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

<b>Geography</b>
Locate worlds 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 and keys ~ Describe & understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links etc.

<b>Maths</b>	
<b>Number/Calculation</b>	<b>Data</b>
~ Know all tables to 12 x 12 ~Secure place value to 1000 & more ~ Use negative whole numbers ~ Round numbers to nearest 10, 100 or 1000 ~ Use Roman numerals to 100 (c) ~ Written methods addition & subtraction, multiplication & division ~Multiply & divide mentally	~Use bar charts, pictograms & line graphs <b>Fractions &amp; decimals</b> ~Recognise tenths & Hundredths ~ Identify equivalent fractions ~Add & subtract fractions with common denominators ~ Recognise common equivalents ~ Round decimals to whole Numbers ~ Solve money problems
<b>Geometry &amp; Measures</b>	<b>Physical Education</b>
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	~ 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. ~ Mastering ABC & understanding their uses within sport.

<b>Design and Technology</b>
~ 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.

<b>Music</b>
~ 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

<b>Computing</b>
~ 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

<b>Art and Design</b>
~ Use sketchbooks to collect and record and evaluate ideas. ~ Improve mastery of techniques such as drawing painting and sculpture with varied materials ~ Learn about great artists, architects & designers

<b>History</b>
~Saxons/Romans/Viking Empires ~Locational impact on Britain ~Ancient Egyptians/ Ancient Greeks ~How great were the Egyptians/ Ancient Greeks? ~Study of an early civilisation