

Year 6 National Curriculum Coverage

English	Maths	Science
<p>Reading Read a broad range of genres Recommend books to others Make comparisons within / across books Support inferences with evidence Summarise key points from texts Identify how language, structure contribute to meaning Discuss use of language including figurative Discuss and explain reading providing reasoned justifications for views</p> <p>Writing Use knowledge of morphology and etymology in spelling Develop legible, personal handwriting style Plan writing to suit audience and purpose; use models of writing Develop character and setting in narrative Select grammar and vocabulary for effect Use a wide range of cohesive devices Ensure grammatical consistency</p> <p>Grammar Use appropriate register / style Use passive voice for purpose Use features to convey and clarify meaning Use full punctuation Use language of subject / object</p> <p>Speaking and Listening Use questions to build knowledge Articulate arguments and opinions Use spoken language to speculate, hypothesise and explore</p>	<p>Number / Calculation Secure place value and rounding to 10 million including negatives All written methods including long division Use order of operations, (not indices) Identify factors, multiples and primes Solve multi step number problems</p> <p>Algebra Introduce simple use of unknowns</p> <p>Geometry and Measures Confidently use a range of measures and conversions Calculate area of triangles / parallelograms Use area and volume formulas Classify shapes by properties Know and use angle rules Translate and reflect shapes including all 4 quadrants</p> <p>Fractions and Decimals Compare and simplify fractions Use equivalentents Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals and percentages Use written division up to 2 decimal places Introduce ratio and proportion</p> <p>Data Use pie charts Calculate mean averages</p>	<p>Biology Classification including micro organisms Health and lifestyles including circulatory system Evolution and adaptation</p> <p>Physics Electricity investigating circuits</p>
		<p style="text-align: center;">Modern Languages</p> <p>Listen and engage Ask and answer questions Speak in sentences using familiar vocabulary Develop appropriate pronunciation Show understanding of words and phrases Appreciate stories, songs, poems and rhymes Broaden vocabulary</p>
		<p style="text-align: center;">Physical Education</p> <p>Use running, jumping, catching and throwing in isolation and in combination Play competitive games, modified as appropriate Develop flexibility and control in gym, dance and athletics Compare performances to achieve personal bests Swimming</p>

<p style="text-align: center;">Religious Education</p> <p>Why do people love their sacred places What makes Jesus an inspiration to some people</p>	<p style="text-align: center;">Music</p> <p>Further develop sense of pulse, rhythm, pitch, mood and structure through a vocal aural approach Use voice and instruments with increasing accuracy, control and expression Improvise and compose music Listen with attention to detail Appreciate a wide range of live and recorded music Begin to develop an understanding of history.</p>	<p style="text-align: center;">Computing</p> <p>Design and write programs to solve problems Use sequences, repetition, inputs, variables and outputs in programs Detect and correct errors in programs Understand uses of networks for collaboration and communication Be discerning in evaluating digital content</p>
<p style="text-align: center;">Art and Design</p> <p>Use sketch books to collect, record and evaluate ideas Improve mastery of techniques such as drawing, painting and sculpture with varied materials Learn about great artists, architects and designers</p>	<p style="text-align: center;">Geography</p> <p>Name and locate counties, cities, regions and features of the UK Understand latitude, longitude, Equator, hemispheres, tropics, polar circles and time zones Use 4 and 6 figure grid references on OS maps Understand land use, economic activity and distribution of resources</p>	<p style="text-align: center;">History</p> <p>Ancient Greece – a study of Greek life and achievements and their influence on the western world Britain's settlement by Anglo Saxons and Scots</p>
<p style="text-align: center;">Design and Technology</p> <p>Use research and criteria to develop products which are fit for purpose and aimed at specific groups Use annotated sketches , cross section diagrams and computer aided design Analyse and evaluate existing products and improve own work Use mechanical and electrical systems in own products, including programming Understand seasonality; prepare and cook mainly savoury dishes</p>		