

Year 4 National Curriculum Coverage

English	Maths	Science
<p>Reading Secure decoding of unfamiliar words Read for a range of purposes Discuss words and phrases that capture the imagination Identify themes and conventions Retrieve and record information Make inferences and justify predictions Recognise forms of poetry Identify and summarise ideas</p> <p>Writing Correctly spell common homophones Increase regularity of handwriting Plan writing based on familiar forms Organise writing in to paragraphs Use simple organisational devices Proof-read for spelling and punctuation errors Evaluate own and other's writing Read own writing aloud Use wider range of conjunctions Use perfect tenses appropriately Select pronouns and nouns for clarity Use and punctuate direct speech Use commas after front adverbials</p> <p>Speaking and Listening Articulate and justify opinions Speak audibly in standard English Gain, maintain and monitor interest of listeners</p>	<p>Number / Calculation Know all tables to 12 x 12 Secure place value to 1000 Use negative whole numbers Round numbers to the nearest 10, 100 or 1000 Use Roman numerals to 100 Column addition and subtraction to 4 digits Multiply and divide mentally Use standard and short multiplication</p> <p>Geometry and Measures Compare 2D shapes including quadrilaterals and triangles Find area by counting squares Calculate rectangle perimeters Estimate and calculate measures Identify acute, obtuse and right angles Identify symmetry Use first quadrant coordinates Introduce simple translations</p> <p>Fractions and Decimals Recognise tenths and hundredths Identify equivalent fractions Add and subtract fractions with common denominators Recognise common equivalence Round decimals to whole numbers Solve money problems</p> <p>Data Use bar charts, pictograms and line graphs</p>	<p>Biology Classify living things and use keys to group, identify and names a variety of living things The skeleton and digestive system Construct and interpret food chains</p> <p>Chemistry Classify materials as solids, liquids and gases Changes of state and the water cycle</p> <p>Physics Sound as vibrations Electricity: simple circuits (including switches) and conductors</p> <hr/> <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> <hr/> <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.</p>

<p style="text-align: center;">Religious Education</p> <p>Values – life is a journey What makes Jesus inspirational to people Does a beautiful world make a beautiful God</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 achieve specific goals including solving problems Use logical reasoning Understand computer networks Use internet safely and appropriately Collect and present data appropriately Debugging Algorithms</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>Use the eight points of the compass, symbols and keys Use fieldwork to observe, measure and record Human geography in the Roman era Locate world countries focussing on Italy / Roman Empire</p>	<p style="text-align: center;">History</p> <p>The Roman Empire and its impact on Britain Local history study Ancient Egypt</p>
<p style="text-align: center;">Design and Technology</p> <p>Use research and criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve homework Use mechanical systems in own work Understand seasonality; prepare and cook mainly savoury dishes</p>		