

Year 3 National Curriculum Coverage

English	Maths	Science
<p>Reading Use knowledge to read exception words. Read range of fiction and non-fiction Use dictionaries to check meaning Prepare poems and plays to perform Check own understanding for reading Draw inferences and make predictions Retrieve and record information from non-fiction books Discuss reading with others</p> <p>Writing Use prefixes and suffixes in spelling Use dictionaries to confirm spellings Write simple dictative sentences Use handwriting joined appropriately Plan to write based on familiar forms Rehearse sentences orally for writing Use varied rich vocabulary Create simple settings and plot Assess effectiveness of own and others writing</p> <p>Grammar Use range of conjunctions Use perfect tense Use range of nouns and pronouns Use time connectives Introduce speech punctuation Know language of clauses Speaking and listening Give structured descriptions Participate activity in conversation Consider and evaluate different view points</p>	<p>Number / Calculation Learn 3, 4 and 8 times tables Secure place value to 100 Mentally add and subtract units 10s or 100s to numbers of up to 3 digits Written column addition and subtraction Solve number problems, including multiplication and simple division and missing number problems Use commutativity to help calculations</p> <p>Geometry and Measures Measure and calculate with metric measures Measure simple perimeter Add / subtract money in context Use Roman numerals up to XII; tell time Calculate using simple time problems Draw 2D / make 3D shapes Identify and use right angles Identify horizontal, vertical, perpendicular and parallel lines</p> <p>Fractions and Decimals Use and count in tenths Recognise, find and write fractions Recognise some equivalent fractions Add / subtract fractions up to 1 Order fractions with common denominator</p> <p>Data Interpret bar charts and pictograms</p>	<p>Biology Plants, including parts, life cycle and requirements for life Teeth, healthy eating, nutrition</p> <p>Chemistry Classification of rock types Simple understanding of fossilisation</p> <p>Physics Sources of light; shadows and reflections Simple forces, including magnetism</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.</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 worlds 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>		