

**Year 3 Curriculum Overview**

	<u>English</u>		<u>Art and Design</u>	<u>Computing</u>	
<u>Reading</u> <ul style="list-style-type: none"> <li>• Use knowledge to read 'exception words'</li> <li>• Read range of fiction and non-fiction</li> <li>• Use dictionaries to check meaning</li> <li>• Prepare poems and plays to perform</li> <li>• Check own understanding of reading</li> <li>• Draw inferences and make predictions</li> <li>• Retrieve and record information from non-fiction books</li> <li>• Discuss reading with others</li> </ul>	<u>Writing</u> <ul style="list-style-type: none"> <li>• Use prefixes and suffixes in spelling</li> <li>• Use dictionary to confirm spellings</li> <li>• Write simple dictated sentences</li> <li>• Use handwriting pens appropriately</li> <li>• Plan to write based on familiar forms</li> <li>• Rehearse sentences orally for writing</li> <li>• Use varied rich vocabulary</li> <li>• Create simple settings and plot</li> <li>• Assess effectiveness of own and others' writing</li> <li>• Redraft writing</li> </ul>	<u>Grammar</u> <ul style="list-style-type: none"> <li>• Use a range of conjunctions</li> <li>• Use perfect tense</li> <li>• Use range of nouns and pronouns</li> <li>• Use time connectives</li> <li>• Introduce speech punctuation</li> <li>• Know language of clauses</li> <li>• Adjectives/Adverbs</li> </ul> <u>Speaking and Listening</u> <ul style="list-style-type: none"> <li>• Give structured descriptions</li> <li>• Participate actively in conversation</li> <li>• Consider and evaluate different viewpoints</li> </ul>	<u>Design Technology</u> <ul style="list-style-type: none"> <li>• Use research &amp; criteria to develop products which are fit for purpose</li> <li>• Clay shelters, volcanoes</li> <li>• Use annotated sketches and proto-types to explain ideas</li> <li>• Christmas textiles</li> <li>• Evaluate existing products and improve own work</li> <li>• Use mechanical systems in own work</li> <li>• Understand seasonality; prepare and cook mainly savoury dishes</li> <li>• DT tasks will include making shelters, model volcanoes and Mediterranean dishes</li> </ul>	<u>Geography</u> <ul style="list-style-type: none"> <li>• Locate world's countries, focussing on Europe and particularly the Mediterranean</li> <li>• Study a region of the UK – Rainhill</li> <li>• Use the 8 points of a compass, symbols and keys</li> <li>• Describe and understand mountains, volcanoes and earthquakes <ul style="list-style-type: none"> <li>- tectonic plates</li> <li>- formation of earthquakes &amp; volcanoes</li> <li>- why is the earth angry</li> </ul> </li> <li>• Use fieldwork to observe, measure and record</li> </ul>	
<u>Number/Calculation</u> <ul style="list-style-type: none"> <li>• Learn 3, 4 and 8, 9x tables</li> <li>• Secure place value to 100</li> <li>• Mentally add and subtract units, tens, or hundreds to numbers of up to 3 digits</li> <li>• Written column addition and subtraction</li> <li>• Solve number problems, including multiplication and simple division and missing number problems</li> </ul>	<u>Maths</u> <u>Geometry and Measures</u> <ul style="list-style-type: none"> <li>• Measure and calculate with metric measures</li> <li>• Measure simple perimeter</li> <li>• Add/subtract using money in context</li> <li>• Add Roman Numerals up to X11; tell time</li> <li>• Calculate using simple time problems</li> <li>• Draw 2D/Make 3D shapes</li> <li>• Identify and use right angles</li> <li>• Identify horizontal, vertical, perpendicular and parallel lines</li> </ul>	<u>Fractions and Decimals</u> <ul style="list-style-type: none"> <li>• Use and count in tenths</li> <li>• Recognise, find and write fractions</li> <li>• Recognise some equivalent fractions</li> <li>• Add/subtract fractions up to &lt;1</li> <li>• Order fractions with common denominator</li> </ul> <u>Data</u> <ul style="list-style-type: none"> <li>• Interpret bar charts and pictograms</li> </ul>	<u>Modern Languages</u> <ul style="list-style-type: none"> <li>• Listen and engage</li> <li>• Ask and answer questions</li> <li>• Speak in sentences using familiar vocabulary</li> <li>• Develop appropriate pronunciation</li> <li>• Show understanding of words and phrases</li> <li>• Appreciate stories, songs, poems and rhymes</li> <li>• Broaden vocabulary</li> </ul>	<u>Music</u> <ul style="list-style-type: none"> <li>• Use voice and instruments with increasing accuracy, control and expression</li> <li>• Improvise and compose music</li> <li>• Listen with attention to detail (including music from the Mediterranean and Indonesia)</li> <li>• Appreciate a wide range of live and recorded music</li> </ul>	
<u>Science</u> <u>Biology</u> <ul style="list-style-type: none"> <li>• Plants, including parts, lifecycle and requirements for life</li> <li>• Animals (inc humans): skeletons, muscles and nutrition including balanced diets</li> </ul> <u>Chemistry</u> <ul style="list-style-type: none"> <li>• Classification of rock types</li> <li>• Simple understanding of fossilisation</li> </ul> <u>Physics</u> <ul style="list-style-type: none"> <li>• Sources of light; shadows and magnetism</li> <li>• Simple forces including magnetism</li> </ul>		<u>History</u> <u>British History</u> <ul style="list-style-type: none"> <li>• Stone Age to Iron Age – what can we learn from the Stone Age? <i>Hunter-gatherers and early farmers; bronze age religion, technology and travel; iron age hill forts</i></li> </ul> <u>Broader History Study</u> <ul style="list-style-type: none"> <li>• A local history study – Rainhill Trials leading to the development of the railways and their impact in Britain</li> </ul>		<u>Physical Education</u> <ul style="list-style-type: none"> <li>• Use running, jumping, catching and throwing in isolation and in combination</li> <li>• Play competitive games (netball, hockey, rugby, rounders, cricket, football)</li> <li>• Develop flexibility and control in gym, dance and athletics</li> <li>• Compare performances to achieve personal bests</li> <li>• Swimming proficiency at 25m</li> </ul>	<u>Religious Education</u> <ul style="list-style-type: none"> <li>• Symbols and worship in Christianity &amp; Judaism</li> <li>• Christmas</li> <li>• Easter</li> <li>• Special places - Christianity &amp; Judaism</li> <li>• Prayer</li> </ul>