## National Curriculum Overview for Year 3/4 Lower Key Stage 2

	English		Art & Design
<ul> <li>Reading</li> <li>Secure decoding of unfamiliar words.</li> <li>Read fiction &amp; non-fiction for a range of purposes.</li> <li>Use dictionaries to check meaning</li> <li>Retell some stories orally.</li> <li>Prepare poems and plays to perform</li> </ul>	<ul> <li>Writing</li> <li>Correctly spell common homophones.</li> <li>Use prefixes and suffixes in spelling</li> <li>Use dictionary to confirm spellings</li> <li>Write simple dictated sentences</li> </ul>	<ul> <li>Grammar</li> <li>Use a wide range of conjunctions</li> <li>Use perfect tense</li> <li>Select pronouns and nouns for clarity.</li> <li>Use &amp; punctuate direct speech.</li> <li>Use commas after fronted</li> </ul>	<ul> <li>Use sketchbooks to collect, record and evaluate ideas.</li> <li>Improve mastery of techniques such as drawing, painting and sculpture with varied materials.</li> <li>Learn about great artists, architects and designers.</li> </ul>
<ul> <li>Draw inferences and make/justify predictions</li> <li>Retrieve and record information</li> <li>Recognise a variety of forms of poetry</li> <li>Discuss reading with others.</li> <li>Identify and summarise ideas.</li> <li>Identify themes and conventions</li> <li>Discuss words and phrases that capture the imagination.</li> </ul>	<ul> <li>Increase regularity of handwriting</li> <li>Plan &amp; organise writing based on familiar forms.</li> <li>Proof read for spelling and punctuation errors.</li> <li>Evaluate own and other's writing</li> <li>Read own writing aloud</li> <li>Use a varied, rich vocabulary</li> </ul>	adverbials. Use time connectives Know language of clauses. Speaking & Listening Articulate & justify opinions Speak audibly in Standard English.	<ul> <li>Design &amp; Technology</li> <li>Use research and criteria to develop products which are fit for purpose.</li> <li>Use annotated sketches and prototypes to</li> </ul>
<ul> <li>Number/Calculation</li> <li>Know all table to 12x12</li> <li>Secure place value to 1000</li> <li>Use negative whole numbers</li> <li>Round numbers to nearest 10, 100 or 1000.</li> <li>Mentally add and subtract numbers</li> </ul>	Mathematics         Geometry & Measures         • Measure & calculate with metric measures.         • Calculate area and perimeter.         • Identify acute, obtuse & right angles.         • Identify symmetry.         • Use coordinates in 1 <sup>st</sup> quadrant	<ul> <li>Fractions &amp; Decimals</li> <li>Recognise, use and count in tenths and hundredths.</li> <li>Recognise, find and write fractions</li> <li>Identify equivalent fractions</li> <li>Add and subtract fractions with common denominators.</li> <li>Order fractions</li> <li>Recognise common equivalences</li> </ul>	<ul> <li>explain ideas.</li> <li>Evaluate existing products and explain own work.</li> <li>Use mechanical systems in own work.</li> <li>Understand seasonality; prepare and cook mainly savoury dishes.</li> </ul>
<ul> <li>Written column addition and subtract.</li> <li>Written column addition and subtract.</li> <li>Use Roman numerals to 100 ( C )</li> <li>Multiply &amp; divide mentally.</li> <li>Use standard short multiplication&amp; division.</li> <li>Solve one and two step words problems.</li> </ul>	<ul> <li>Introduce simple translations.</li> <li>Identify horizontal, perpendicular, vertical and parallel lines.</li> <li>Draw and compare 2d shapes including quadrilaterals &amp; triangles.</li> <li>Recognise 3d shapes and nets</li> <li>Calculate time problems, tell the time. Use Roman numerals.</li> </ul>	<ul> <li>Round decimals</li> <li>Solve money problems</li> <li>Statistics</li> <li>Use and interpret bar charts pictograms &amp; line graphs.</li> </ul>	Modern FrenchLanguages• Listen & engage.• Ask & answer questions.• Speak in sentences using familiar vocabulary• Develop appropriate pronunciation.
Science Biology • Classify living things • Digestive system & teeth • Food chains	including hunter and religion, tech	n for the Stone Age to the Iron Age; gatherers and early farming, Bronze Age nology & travel, Iron	<ul> <li>Show understanding of words and phrases.</li> <li>Appreciate stories, songs, poems &amp; rhymes.</li> <li>Broaden vocabulary.</li> </ul> Physical Education
<ul> <li>Plants, incl parts, lifecycle and requireme</li> <li>Animals: skeleton &amp; nutrition.</li> <li>Chemistry <ul> <li>Classification of rock types</li> <li>Simple understanding of fossilisation</li> <li>Changes of state</li> <li>The water cycle</li> </ul> </li> <li>Physics <ul> <li>Sound as vibrations</li> <li>Electricity; simple circuits &amp; conductors</li> <li>Sources of light; shadows &amp; reflections</li> <li>Simple forces; including magnets</li> </ul> </li> </ul>	nts for life. Age hill forts. Vik Encoder History S Ancient Greece Legacy of Greek c	ings in Wirral. al history study – West Kirby. Study culture on later periods in British history. ciety to contrast with British History -	<ul> <li>Use running, jumping, catching and throwing in isolation and combination.</li> <li>Play competitive games, modified as appropriate.</li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics.</li> <li>Compare performance to achieve personal bes</li> <li>Swimming proficiency at 25m.</li> </ul>

