

# Skills Overview – Year 3

<p><b>English</b></p> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>Listen to, read and discuss a range of fiction and nonfiction.</li> <li>Prepare poems and plays to perform.</li> <li>Check own understanding of reading, ask and answer questions, make predictions and infer from text.</li> <li>Retrieve and record information from fiction and nonfiction books.</li> <li>Use knowledge to read 'exception' words</li> <li>Use dictionaries to check meaning.</li> <li>Discuss reading with others.</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Use prefixes and suffixes in spelling and knowledge of root words.</li> <li>Learn to spell words with contractions and homophones.</li> <li>Use dictionary to confirm spelling.</li> <li>Write simple dictated sentences.</li> <li>Use handwriting joins appropriately.</li> <li>Plan to write based on familiar forms.</li> <li>Rehearse sentences orally for writing.</li> <li>Use varied vocabulary in writing.</li> <li>Create simple settings and plot.</li> <li>Assess effectiveness of own and other's writing.</li> </ul> <p><b>Vocabulary, Grammar and Punctuation.</b></p> <ul style="list-style-type: none"> <li>Use a range of time connectives, conjunctions, nouns and pronouns.</li> <li>Use perfect tense.</li> <li>Introduce speech punctuation.</li> <li>Know the language of clauses.</li> </ul> <p><b>Speaking and Listening.</b></p> <ul style="list-style-type: none"> <li>Give structured descriptions.</li> <li>Participate in conversation.</li> <li>Consider and evaluate different viewpoints.</li> </ul>	<p><b>Art and Design</b></p> <ul style="list-style-type: none"> <li>Explore shading using different media.</li> <li>Use line, tone and shade to represent things seen, remembered and imagined.</li> <li>Represent things observed, remembered or imagined using colours/tools.</li> <li>Introduce different types of brushes for different purposes.</li> <li>Explore the effect of paint on adding water, glue, sand and sawdust.</li> <li>Study batique.</li> <li>Study a named Artist, architect/ Designer in history.</li> </ul>	<p><b>Computing Computer Science</b></p> <ul style="list-style-type: none"> <li>Understand that programs respond to instructions.</li> <li>Create animations and simulations in a sequence.</li> <li>Learn to give instructions through coding.</li> <li>Recognise problems and put them right.</li> </ul> <p><b>Information Technology.</b></p> <ul style="list-style-type: none"> <li>Present information in a number of ways.</li> <li>Use different types of software.</li> <li>Begin to understand computer networks.</li> <li>Understand how to store files and content.</li> <li>Begin to use the World Wide Web.</li> </ul> <p><b>Digital Literacy.</b></p> <ul style="list-style-type: none"> <li>Explore communication tools.</li> <li>Understand passwords and personal information.</li> <li>Understand some video games are not appropriate.</li> <li>Identify ways to voice concerns.</li> </ul>
<p><b>Mathematics</b></p> <p><b>Number and Calculation</b></p> <ul style="list-style-type: none"> <li>Read and write numerals to 1000 in numerals and words.</li> <li>Secure place value to 1000 recognising the value of each digit.</li> <li>Mentally add and subtract units, tens or hundreds to numbers of up to 3 digits.</li> <li>Use written column method for addition and subtraction.</li> <li>Recall 3,4, and 8 x tables and related division facts.</li> <li>Solve number problems, including multiplication and simple division and missing number word problems.</li> </ul> <p><b>Geometry and Measures.</b></p> <ul style="list-style-type: none"> <li>Measure &amp; calculate with metric measures to include perimeter.</li> <li>Add/subtract using money in context .</li> <li>Tell and write the time using An analogue/digital clock including Roman numerals.</li> <li>Calculate 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> <p><b>Fractions/Decimals.</b></p> <ul style="list-style-type: none"> <li>Use &amp; count in tenths</li> <li>Recognise, find &amp; 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> <li>Solve problems using fractions.</li> </ul> <p><b>Data</b></p> <ul style="list-style-type: none"> <li>Interpret bar charts &amp; Pictograms.</li> <li>Solve one step and two Step problems using the information.</li> </ul>	<p><b>Technology</b></p> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>select a wide variety of tools and materials to make products.</li> <li>cut, shape, join and finish accurately.</li> </ul> <p><b>Design</b></p> <ul style="list-style-type: none"> <li>Design a product that is fit for purpose.</li> <li>communicate design ideas through discussion and sketching</li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>investigate and analyse existing products.</li> <li>Evaluate own product made and consider views of others</li> </ul> <p><b>Technical Knowledge</b></p> <ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures .</li> </ul>	<p><b>Geography</b></p> <p><b>Human and Physical</b></p> <ul style="list-style-type: none"> <li>Describe and understand rivers and mountains.</li> </ul> <p><b>Location Knowledge</b></p> <ul style="list-style-type: none"> <li>Name and locate counties and cities of the UK, geographical regions.</li> <li>Identify human and physical features and how they have changed over time.</li> </ul> <p><b>Skill and Fieldwork.</b></p> <ul style="list-style-type: none"> <li>Use maps, globes, atlases, computer mapping to locate countries and describe features studied.</li> <li>use the eight points of the compass, symbols and key.</li> <li>use fieldwork to observe, measure, record and present human and physical features of the local area.</li> </ul> <p><b>Place Knowledge.</b></p> <ul style="list-style-type: none"> <li>understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom.</li> </ul>
<p><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Plants function and parts of plants, requirements of plants</li> <li>life cycle, pollination and seed dispersal</li> <li>Animals including animals; skeletons.</li> </ul> <p><b>Chemistry.</b></p> <ul style="list-style-type: none"> <li>Rocks and fossils</li> </ul> <p><b>Physics.</b></p> <ul style="list-style-type: none"> <li>Light</li> <li>Forces and Magnets</li> </ul> <p><b>Working scientifically.</b></p> <ul style="list-style-type: none"> <li>Ask questions, follow enquiries., setting up practical enquiries, make observations, take accurate measurements, gather record and present data, record findings using bar charts, tables, use results to draw conclusions.</li> </ul>	<p><b>History</b></p> <p><b>British History.</b></p> <ul style="list-style-type: none"> <li>Changes in Britain from the Stone Age to the Iron Age.</li> </ul> <p><b>Broader History Study</b></p> <ul style="list-style-type: none"> <li>A local history study.</li> </ul> <p><b>Working Historically Introduce;</b></p> <ul style="list-style-type: none"> <li>Chronological understanding of British, local and World history.</li> <li>Identify connections, contrasts and trends overtime and use historical terms.</li> </ul> <p><b>Physical Education</b></p> <ul style="list-style-type: none"> <li>Consolidate running, jumping, catching, throwing in isolation and in combination in simple games.</li> <li>Play competitive games in modified forms to develop tactics and strategies.</li> <li>Develop flexibility and control in gym and dance.</li> <li>Select actions in gym to compose simple sequences.</li> <li>Identify features of a good performance and achieve personal bests.</li> <li>Develop swimming strokes and confidence in water.</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>Play and perform using their voices and musical instruments.</li> <li>Compose music for a range of purposes using (dynamics, pace, pitch, duration)</li> <li>Listen and repeat rhythms and patterns</li> <li>Use non-standard notations</li> <li>Appreciate music from different traditions and from great composers and musicians</li> <li>Develop an understanding of the history of music</li> </ul> <p><b>Religious Education</b></p> <p><b>Christianity</b></p> <ul style="list-style-type: none"> <li>Understanding God through the life of Jesus. Jesus, including; his birth, disciples and parables.</li> <li>Features of the life of baptism, temptations, prayer, dance, drama and silence.</li> <li>celebration of Christian festivals such as advent, Lent, Holy week.</li> <li>Express belief through; ritual, symbolism, artefacts and architecture.</li> </ul> <p><b>Sikhism</b></p> <ul style="list-style-type: none"> <li>Understand beliefs and teachings about God.</li> <li>Guru Granth Sahib, Guru Nanak .</li> <li>The Practices of the Gurdwara, Holy days and ceremonies.</li> </ul>