

# Curriculum overview for Class R (Year 5) 2017 - 2018

<p style="text-align: center;"><b>English</b></p> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>• Applies a growing knowledge of root words, prefixes and suffixes (etymology and morphology) both to read aloud and to understand the meaning of new words that are met.</li> <li>• Increases familiarity with a wide range of books including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions.</li> <li>• Checks that the book makes sense to the reader, discussing the individual's understanding and exploring the meaning of words in context, providing reasoned justifications for their views.</li> <li>• Summarises the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.</li> <li>• Retrieves, records and presents information from non-fiction.</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Identifies the audience for, and purpose of, the writing selecting the appropriate form and using other similar writing as models for their own. Proof reads for grammar, spelling and punctuation errors.</li> <li>• Ensures the consistent and correct use of tense throughout a piece of writing.</li> <li>• Uses further organisational and presentational devices to structure text and to guide the reader e.g. bullet points, headings, underlining and devices to build cohesion within a paragraph e.g. then, after that, this, firstly.</li> <li>• Converts nouns/adjectives into verbs using suffixes e.g. -ate, -ise, -ify. Uses commas to clarify meaning or avoid ambiguity.</li> <li>• Indicates degrees of possibility using adverbs e.g. perhaps, surely or modal verbs e.g. might, should, will, must.</li> </ul>	<p style="text-align: center;"><b>Art &amp; Design</b></p> <ul style="list-style-type: none"> <li>• L.S. Lowry</li> <li>• Roman pots</li> <li>• Picasso</li> <li>• Still life</li> <li>• Landscapes</li> <li>• Portraits</li> </ul>	<p style="text-align: center;"><b>Computing</b></p> <ul style="list-style-type: none"> <li>• We are game developers</li> <li>• We are cryptographers</li> <li>• We are artists</li> <li>• We are web developers</li> <li>• We are bloggers</li> <li>• We are architects</li> </ul>
<p style="text-align: center;"><b>Mathematics</b></p> <ul style="list-style-type: none"> <li>• Reads, writes, orders and compares numbers to at least 1,000,000 and determines the value of each digit.</li> <li>• Interprets negative numbers, counts forwards and backwards with positive and negative whole numbers, including through 0.</li> <li>• Adds and subtracts whole numbers of more than 4 digits using formal written methods.</li> <li>• Adds and subtracts numbers mentally using increasingly large numbers.</li> <li>• Identifies multiples and factors including finding all factor pairs of a number and common factors of two numbers.</li> <li>• Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes.</li> <li>• Solves problems involving multiplication and division including scaling by simple fractions and problems involving simple rates.</li> <li>• Compares and orders fractions whose denominators are all multiples of the same number.</li> <li>• Reads and writes decimal numbers as fractions. Reads, writes, orders and compares numbers with up to 3 d.p.</li> <li>• Solve problems which require knowing percentages and decimal equivalents.</li> <li>• Converts between different units of metric measure.</li> <li>• Measures and calculates the perimeter of composite rectilinear shapes in cm and m.</li> <li>• Calculates and compares the area of rectangles. Draws/measures given angles.</li> <li>• Distinguishes between regular/irregular polygons based on reasoning of equal sides /angles.</li> <li>• Completes, reads and interprets information in tables, including timetables.</li> </ul>	<p style="text-align: center;"><b>Design &amp; Technology</b></p> <ul style="list-style-type: none"> <li>• Construction – Roman villages</li> <li>• Mechanics – toys</li> <li>• Textiles – birds</li> <li>• Nutrition – savoury biscuits</li> </ul>	<p style="text-align: center;"><b>Geography</b></p> <ul style="list-style-type: none"> <li>• Why is Fairtrade fair?</li> <li>• How is climate change affecting the world?</li> <li>• How do volcanoes affect the lives of people?</li> </ul>
	<p style="text-align: center;"><b>Science</b></p> <ul style="list-style-type: none"> <li>• Living things and their habitats</li> <li>• Animals including humans</li> <li>• Properties of and changes of materials</li> <li>• Earth, sun and moon</li> <li>• Forces</li> </ul>	<p style="text-align: center;"><b>History</b></p> <ul style="list-style-type: none"> <li>• Lovely Leicestershire (Romans)</li> <li>• Wars of the Roses / Richard III</li> </ul>
	<p style="text-align: center;"><b>Religious Education</b></p> <ul style="list-style-type: none"> <li>• Why do some people think God exists?</li> <li>• What would Jesus do?</li> <li>• What does it mean to be a Muslim in 'Britain' today?</li> </ul>	
	<p style="text-align: center;"><b>Modern Languages</b></p> <ul style="list-style-type: none"> <li>• French speaking and listening</li> <li>• French grammar</li> <li>• French stories, songs and rhymes</li> <li>• French reading and writing</li> </ul>	<p style="text-align: center;"><b>Music</b></p> <ul style="list-style-type: none"> <li>• Don't stop believin'</li> <li>• Bells ring out</li> <li>• Classroom Jazz 1</li> <li>• Benjamin Britten – a tragic story</li> <li>• Stop!</li> <li>• Reflect, rewind and replay</li> </ul>
	<p style="text-align: center;"><b>Physical Education</b></p> <ul style="list-style-type: none"> <li>• Dance</li> <li>• Gymnastics</li> <li>• Games</li> <li>• Athletics</li> <li>• Outdoor activities - residential</li> </ul>	<p style="text-align: center;"><b>PSHE</b></p> <ul style="list-style-type: none"> <li>• Beginning and belonging</li> <li>• Friends and family</li> <li>• Anti-bullying</li> <li>• Diversity and community</li> <li>• Personal safety</li> <li>• Managing change</li> <li>• Sex and relationships education</li> </ul>