



## Maths intended curriculum 2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<ul style="list-style-type: none"> <li>• Subitising and counting objects</li> <li>• Numbers within 5</li> <li>• Representing numbers using fingers</li> </ul>	<ul style="list-style-type: none"> <li>• Counting sequences</li> <li>• Counting skills and knowledge</li> <li>• Compare sets of objects</li> <li>• Vocabulary: whole when talking about objects that have parts</li> </ul>	<ul style="list-style-type: none"> <li>• Subitising beyond 5</li> <li>• Numbers to 5</li> <li>• Equal and unequal objects</li> <li>• Odd and even numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Ordering numbers</li> <li>• Counting to 20 verbally</li> </ul>	<ul style="list-style-type: none"> <li>• Subitising beyond 5</li> <li>• Using a 10-frame</li> <li>• Comparing quantities and numbers</li> </ul>	<ul style="list-style-type: none"> <li>• One more and one less within 10</li> <li>• Subitising and counting</li> <li>• Conceptual subitising using a rekenrek</li> </ul>
Year 1	<ul style="list-style-type: none"> <li>• Previous Reception experiences and Counting within 100</li> </ul>	<ul style="list-style-type: none"> <li>• Comparison of quantities and part-whole relationships</li> <li>• Numbers 0-5</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise, compose, decompose and manipulate 2D and 3D shapes</li> <li>• Numbers 0 to 10</li> </ul>	<ul style="list-style-type: none"> <li>• Additive Structures</li> <li>• Addition and Subtraction Facts within 10</li> </ul>	<ul style="list-style-type: none"> <li>• Numbers 0-20</li> <li>• Unitising and Coin recognition</li> </ul>	<ul style="list-style-type: none"> <li>• Position and Direction</li> <li>• Time</li> </ul>
Year 2	<ul style="list-style-type: none"> <li>• Numbers 10 to 100</li> <li>• Calculations within 20</li> </ul>	<ul style="list-style-type: none"> <li>• Fluently add and subtract within ten</li> <li>• Addition and subtraction of 2-digit numbers (1)</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to multiplication</li> <li>• Introduction to division structures</li> </ul>	<ul style="list-style-type: none"> <li>• Shape</li> <li>• Addition and subtraction of two-digit numbers (2)</li> </ul>	<ul style="list-style-type: none"> <li>• Money</li> <li>• Fractions</li> <li>• Time</li> <li>• Position and Direction</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplication and Division – doubling, halving, quotative and partitive division</li> <li>• Sense of measure – capacity, volume, mass</li> </ul>



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Year 3	<ul style="list-style-type: none"> <li>Adding and Subtracting across 10</li> </ul>	<ul style="list-style-type: none"> <li>Numbers to 1000</li> </ul>	<ul style="list-style-type: none"> <li>Right Angles</li> <li>Manipulating the additive relationship and securing mental calculation</li> </ul>	<ul style="list-style-type: none"> <li>Column Addition</li> <li>2,4,8 times tables</li> <li>Column Subtraction</li> </ul>	<ul style="list-style-type: none"> <li>Unit Fractions</li> </ul>	<ul style="list-style-type: none"> <li>Non-Unit fractions</li> <li>Parallel and perpendicular sides in polygons</li> <li>Time</li> </ul>
Year 4	<ul style="list-style-type: none"> <li>Review Column Addition and Subtraction</li> <li>Numbers to 10 000</li> </ul>	<ul style="list-style-type: none"> <li>Perimeter</li> <li>3, 6, 9 times table</li> </ul>	<ul style="list-style-type: none"> <li>7 times tables and patterns</li> </ul>	<ul style="list-style-type: none"> <li>Understanding and manipulating relationships</li> <li>Coordinates</li> </ul>	<ul style="list-style-type: none"> <li>Review of fractions</li> <li>Fractions greater than 1</li> </ul>	<ul style="list-style-type: none"> <li>Symmetry in 2D shapes</li> <li>Time</li> <li>Division with remainders</li> </ul>
Year 5	<ul style="list-style-type: none"> <li>Decimal Fractions</li> <li>Money</li> </ul>	<ul style="list-style-type: none"> <li>Negative Numbers</li> <li>Short Multiplication and Short Division</li> </ul>	<ul style="list-style-type: none"> <li>Area and Scaling</li> </ul>	<ul style="list-style-type: none"> <li>Calculating with decimal fractions</li> <li>Factors, multiples and Primes</li> </ul>	<ul style="list-style-type: none"> <li>Fractions</li> </ul>	<ul style="list-style-type: none"> <li>Fractions</li> <li>Converting Units</li> </ul>
Year 6	<ul style="list-style-type: none"> <li>Calculating using knowledge of structures</li> <li>Multiples of 1000</li> </ul>	<ul style="list-style-type: none"> <li>Numbers up to 10,000, 000</li> <li>Draw compose and Decompose shapes</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication and Division</li> <li>Area. Perimeter/position and direction</li> </ul>	<ul style="list-style-type: none"> <li>Fractions and percentages</li> </ul>	<ul style="list-style-type: none"> <li>Statistics</li> <li>KS2 tests</li> </ul>	<ul style="list-style-type: none"> <li>Ratio and Proportion</li> <li>Calculating using knowledge of structures</li> <li>Solving problems with two unknowns</li> </ul>

- EYFS and KS1 follow the NCETM Mastering Number programme
- KS1 to the end of KS2 follow the NCETM Prioritisation Scheme alongside the Professional Development documents for staff
- KS2 currently use the Claire Christie times tables method of learning throughout (not just up to year 4)
- Fluency is taught daily to improve mathematical thinking and making connections through coherent learning structures



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