



# Mathematics Curriculum Map: Year 6

## Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>Integers and decimals</b>		<b>Multiplication and division</b>			<b>Calculation problems</b>		<b>Fractions and decimals</b>			<b>Percentages (with fraction and decimal equivalence)</b>	<b>Revision and consolidation time</b>
	<ul style="list-style-type: none"> <li>Represent, read, write, order and compare numbers up to ten million</li> <li>Round numbers, make estimates and use this to solve problems in context</li> <li>Solve multi-step problems</li> </ul>		<ul style="list-style-type: none"> <li>Identify and use properties of number, focusing on primes</li> <li>Multiply larger integers and decimal numbers</li> <li>Divide integers by 1-digit and 2-digit numbers representing remainders appropriately</li> </ul>			<ul style="list-style-type: none"> <li>Use of brackets</li> <li>Use knowledge of the order of operations to carry out calculations</li> <li>Generate and describe linear number sequences</li> <li>Express missing number problems algebraically</li> <li>Solve equations with unknown values</li> </ul>		<ul style="list-style-type: none"> <li>Deepen understanding of equivalence</li> <li>Order, simplify and compare fractions, including those greater than one</li> <li>Recall equivalence between common fractions and decimals</li> <li>Find decimal quotients using short division</li> <li>Add and subtract fractions</li> <li>Represent multiplication involving fractions</li> <li>Multiply two proper fractions</li> <li>Divide a fraction by an integer</li> </ul>			<ul style="list-style-type: none"> <li>Calculate and compare percentages of amounts</li> <li>Connect percentages with fractions</li> <li>Explore the equivalence</li> </ul>	
<b>Spring</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
	<b>Decimals and measures</b>			<b>Missing angles and length</b>		<b>Coordinates and shapes</b>		<b>Statistics</b>	<b>Proportion problems</b>		<b>Revision and consolidation time</b>	
<ul style="list-style-type: none"> <li>Use, read, write and convert between standard units of measures; length, mass, time, money and volume as well as imperial units</li> <li>Calculate the area of parallelograms and triangles</li> <li>Calculate, estimate and compare the volume of cuboids</li> </ul>			<ul style="list-style-type: none"> <li>Compare and classify a range of geometric shapes</li> <li>Use angle facts to find unknown angles</li> </ul>		<ul style="list-style-type: none"> <li>Draw a range of geometric shapes using given dimensions and angles</li> <li>Describe, draw, translate and reflect shapes on a co-ordinate plane</li> <li>Recognise and construct 3-D shapes</li> <li>Name parts of a circle</li> </ul>		<ul style="list-style-type: none"> <li>Calculate the mean</li> <li>Construct and interpret lines graphs and pie charts</li> <li>Compare pie charts</li> </ul>	<ul style="list-style-type: none"> <li>Use fractions to express proportion</li> <li>Identify ratio as a relationship between quantities and as a scale factor</li> <li>Unequal sharing involving ratio</li> </ul>				
<b>Summer</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	<b>Revision and consolidation time</b>				<b>Post SATs units of work (coming 2025-26)</b>							



The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.