



# Maths Long Term Plan 2023-24



## Mathematics Curriculum Map: Year 3

### Mastery

<b>Autumn</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
	<b>Number sense and exploring calculation strategies</b>			<b>Place value</b>		<b>Graphs</b>	<b>Addition and subtraction</b>			<b>Length and perimeter</b>	
	<ul style="list-style-type: none"> <li>Read, write, order and compare numbers to 100</li> <li>Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference</li> <li>Derive new facts from a known fact</li> </ul>			<ul style="list-style-type: none"> <li>Read, write, represent, partition, order and compare 3-digit numbers</li> <li>Find 10 and 100 more or less</li> <li>Round to the nearest multiple of 10 and 100</li> </ul>		<ul style="list-style-type: none"> <li>Collect, interpret and present data using charts and tables</li> </ul>	<ul style="list-style-type: none"> <li>Develop and use a range of mental calculation strategies</li> <li>Illustrate and explain formal written methods – column method</li> </ul>			<ul style="list-style-type: none"> <li>Measure, draw and compare lengths</li> <li>Add and subtract lengths</li> <li>Calculate perimeter</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	
	<b>Multiplication and division</b>		<b>Deriving multiplication and division facts</b>			<b>Time</b>		<b>Fractions</b>			
	<ul style="list-style-type: none"> <li>Multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10</li> <li>Multiplicative structures: equal groups/parts, change and comparison, correspondence problems</li> <li>Relationships: commutativity and inverse</li> </ul>		<ul style="list-style-type: none"> <li>Multiply and divide by 10 and 100</li> <li>Multiply a 2-digit number by 2, 3, 4, 5 and corresponding division situations</li> <li>Divide 2-digit by a 1-digit</li> </ul>			<ul style="list-style-type: none"> <li>Tell, record, write and order the time analogue and digital</li> <li>12-hour, a.m., p.m.</li> <li>Measure, calculate and compare durations</li> </ul>		<ul style="list-style-type: none"> <li>Part-whole relationships</li> <li>Fractions as part of a whole or a whole set and as a number</li> <li>Add, subtract, compare and order fractions</li> </ul>			
<b>Summer</b>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9		
	<b>Angles and shape</b>			<b>Measures</b>			<b>Securing multiplication and division</b>	<b>Exploring calculation strategies and place value</b>			
	<ul style="list-style-type: none"> <li>Identify angles including right angles and recognise as a quarter of a turn</li> <li>Identify and draw parallel and perpendicular lines</li> <li>Draw/make, classify and compare 2-D and 3-D shapes</li> <li>Measure the perimeter</li> </ul>			<ul style="list-style-type: none"> <li>Read scales with different intervals when measuring mass and volume</li> <li>Weigh and compare masses and capacities with mixed units</li> <li>Estimate mass and capacity</li> </ul>			<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for 6 and 8 times table</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract mentally</li> <li>Find 10, 100 and 1000 more or less</li> <li>Order and compare beyond 1000</li> <li>Round numbers</li> </ul>			



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.