

# MATHS OVERVIEW - STAGE 2 (TERM 3)

Week	Concept	Key Idea
1	Whole Numbers	<ul style="list-style-type: none"> <li>Record numbers of up to five digits using expanded notation.</li> </ul>
	Data	<ul style="list-style-type: none"> <li>Select, trial and refine methods for data collection, including survey questions and recording sheets.</li> <li>Construct data displays, including tables, and column graphs and picture graphs of many-to-one correspondence.</li> <li>Evaluate the effectiveness of different displays.</li> </ul>
2	Fractions and Decimals	<ul style="list-style-type: none"> <li>Apply the place value system to represent tenths and hundredths as decimals.</li> </ul>
	Three-Dimensional Space	<ul style="list-style-type: none"> <li>Identify, describe and compare features of prisms, pyramids, cylinders, cones and spheres.</li> <li>Make models of three-dimensional objects.</li> <li>Create nets from everyday packages.</li> </ul>
3	Position	<ul style="list-style-type: none"> <li>Determine directions N, E, S, W and NE, SE, SW, NW, given one of the directions.</li> <li>Interpret legends and directions on maps.</li> </ul>
	Volume and Capacity	<ul style="list-style-type: none"> <li>Record capacities and volumes using the abbreviations L and <math>\text{cm}^3</math>.</li> <li>Record capacities and volumes using the abbreviations L and <math>\text{mm}^3</math>.</li> <li>Use cubic centimetres to measure and compare volumes.</li> <li>Use litres and millilitres to measure, compare and estimate capacities and volumes.</li> </ul>
4	Patterns and Algebra	<ul style="list-style-type: none"> <li>Find missing numbers in number sentences involving addition or subtraction on one or both sides of the equals sign.</li> <li>Recognise, continue and describe number patterns resulting from performing multiplication.</li> </ul>
	Mass	<ul style="list-style-type: none"> <li>Use kilograms and grams to measure and compare masses using a scaled instrument.</li> <li>Record masses using the abbreviations kg and g.</li> </ul>
5	<b>R E V I S I O N / C A T C H U P / A S S E S S M E N T</b>	
6	Addition and Subtraction	<ul style="list-style-type: none"> <li>Use the equal sign to record equivalent number sentences.</li> <li>Use the formal written algorithm for addition and subtraction.</li> </ul>
	Three-Dimensional Space	<ul style="list-style-type: none"> <li>Represent three-dimensional objects in drawings showing depth.</li> <li>Sketch three-dimensional objects from different views.</li> <li>Interpret and make drawings of objects on isometric grid paper.</li> </ul>
7	Addition and Subtraction	<ul style="list-style-type: none"> <li>Use the formal written algorithm for addition and subtraction.</li> </ul>
	Time	<ul style="list-style-type: none"> <li>Read and record time to the minute, using digital notation and the terms 'past' and 'to'.</li> <li>Convert between seconds, minutes, hours and days.</li> <li>Use and interpret am and pm notation.</li> </ul>
8	Multiplication and Division	<ul style="list-style-type: none"> <li>Recall and use multiplication facts up to <math>10 \times 10</math> with automaticity.</li> <li>Use and record a range of mental and informal written strategies for multiplication and division of two-digit numbers by a one-digit operator.</li> </ul>
	Area	<ul style="list-style-type: none"> <li>Measure and compare the areas of regular and irregular shapes using a square centimetre grid.</li> </ul>
9	Multiplication and Division	<ul style="list-style-type: none"> <li>Use mental strategies and informal recording methods for division with remainders.</li> </ul>
	Angles	<ul style="list-style-type: none"> <li>Identify 'perpendicular' lines and 'right angles'.</li> <li>Draw and classify angles as acute, obtuse, straight, reflex or a revolution.</li> </ul>
10	<b>R E V I S I O N / C A T C H U P / A S S E S S M E N T</b>	