

# MATHS OVERVIEW - STAGE 2 (TERM 1)

Week	Concept	Key Idea
1	<i>Collect and analyse assessment data from the previous year. Talk to last year's teacher and identify the strengths and weaknesses amongst students.</i>	
2	<b>Whole Numbers</b>	<ul style="list-style-type: none"> <li>Count forwards and backwards by tens and hundreds from any starting point.</li> <li>State the place value of digits in numbers of up to four digits.</li> <li>Read, write and order numbers of up to four digits.</li> </ul>
	<b>Time</b>	<ul style="list-style-type: none"> <li>Recognise the coordinated movements of the hands of a clock.</li> <li>Read and record time to the minute, using digital notation and the terms 'past' and 'to'.</li> </ul>
3	<b>Patterns and Algebra</b>	<ul style="list-style-type: none"> <li>Identify, continue, create, describe and record increasing and decreasing number patterns.</li> <li>Identify odd and even numbers of up to four digits.</li> </ul>
	<b>Data</b>	<ul style="list-style-type: none"> <li>Plan methods for data collection.</li> <li>Collect data, organise into categories and create displays using lists, tables, pictures graphs and simple column graphs (one-to-one correspondence).</li> <li>Interpret and compare data displays.</li> </ul>
4	<b>Fractions and Decimals</b>	<ul style="list-style-type: none"> <li>Model and represent fractions with denominators 2, 3, 4, 5 and 8.</li> <li>Count by halves, quarters and thirds, including with mixed numerals.</li> <li>Represent fractions on number lines, including number lines that extend beyond 1.</li> </ul>
	<b>Chance</b>	<ul style="list-style-type: none"> <li>Identify and describe possible 'outcomes' of chance experiments.</li> <li>Predict and record all possible combinations in a chance situation.</li> <li>Conduct chance experiments and compare predicted with actual results.</li> </ul>
5	<b>REVISION / CATCH UP / ASSESSMENT</b>	
6	<b>Addition and Subtraction</b>	<ul style="list-style-type: none"> <li>Model and apply the associate property for addition.</li> <li>Use and record a range of mental strategies for addition and subtraction of 2-, 3- and 4-digit numbers.</li> </ul>
	<b>Two-Dimensional Space</b>	<ul style="list-style-type: none"> <li>Identify and name the special quadrilaterals presented in different orientations.</li> <li>Describe and compare features of shapes, including the special quadrilaterals.</li> </ul>
7	<b>Addition and Subtraction</b>	<ul style="list-style-type: none"> <li>Use and record a range of mental strategies for addition and subtraction of 2-, 3- and 4-digit numbers.</li> </ul>
	<b>Two-Dimensional Space</b>	<ul style="list-style-type: none"> <li>Identify and describe shapes as 'regular' or 'irregular'.</li> <li>Identify and draw lines of symmetry on shapes.</li> </ul>
8	<b>Multiplication and Division</b>	<ul style="list-style-type: none"> <li>Recall multiplication facts for twos, threes, fives and tens.</li> <li>Recognise and use the symbol <math>\times</math> and <math>\div</math>.</li> <li>Model and apply the commutative property for multiplication.</li> </ul>
	<b>Angles</b>	<ul style="list-style-type: none"> <li>Identify and describe angles as measure of turn.</li> <li>Compare angle sizes in everyday situations.</li> </ul>
9	<b>Multiplication and Division</b>	<ul style="list-style-type: none"> <li>Recall multiplication facts for twos, threes, fives and tens.</li> <li>Recognise and use the symbol <math>\times</math> and <math>\div</math>.</li> <li>Relate multiplication facts to their inverse division facts.</li> </ul>
	<b>Length</b>	<ul style="list-style-type: none"> <li>Use metres, centimetres and millimetres to measure, compare, order and estimate lengths.</li> <li>Record lengths using the abbreviations m, cm and mm.</li> <li>Select and use appropriate scaled instruments and units to measure and compare lengths.</li> </ul>
10	<b>REVISION / CATCH UP / ASSESSMENT</b>	

