

MATHS OVERVIEW - STAGE 3 (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	Whole Numbers	<ul style="list-style-type: none"> Read, write and order numbers of any size. State the place value of digits in numbers of any size. Record numbers of any size using expanded notation.
	Time	<ul style="list-style-type: none"> Determine and compare the duration of events.
3	Patterns and Algebra	<ul style="list-style-type: none"> Identify, continue, create and describe increasing and decreasing number patterns with fractions, decimals and whole numbers.
	Data	<ul style="list-style-type: none"> Collect categorical and numerical data by observation and by survey. Construct data displays, including tables, column graphs, dot plots and line graphs, appropriate for the data type. Describe and interpret data presented in tables, column graphs, dot plots and line graphs.
4	Fractions and Decimals	<ul style="list-style-type: none"> Compare and order unit fractions with denominators 2, 3, 4, 5, 6, 8, 10, 12 and 100. Model and represent strategies to add and subtract fractions with the same denominator. Apply the place value system to represent thousandths as decimals. Compare, order and represent decimals with up to three decimal places.
	Chance	<ul style="list-style-type: none"> List outcomes of chance experiments involving equally likely outcomes. Represent probabilities using fractions. Recognise that probabilities range from zero to one.
5	REVISION / CATCH UP / ASSESSMENT	
6	Addition and Subtraction	<ul style="list-style-type: none"> Select and apply efficient mental, written and calculator strategies for addition and subtraction of numbers of any size.
	Two-Dimensional Space	<ul style="list-style-type: none"> Identify, name and draw right-angled, equilateral, isosceles and scalene triangles. Compare and describe side properties of the special quadrilaterals and special triangles. Explore angle properties of the special quadrilaterals and special triangles.
7	Addition and Subtraction	<ul style="list-style-type: none"> Select and apply efficient mental, written and calculator strategies for addition and subtraction of numbers of any size. Use estimation to check answers to calculations (including money).
	Two-Dimensional Space	<ul style="list-style-type: none"> Classify and draw regular and irregular two-dimensional shapes from descriptions of their features. Use the terms 'translate', 'reflect' and 'rotate' to describe transformations of shapes.
8	Multiplication and Division	<ul style="list-style-type: none"> Use and record a range of mental and written strategies to multiply by one- and two-digit operators. Use the formal algorithm for multiplication by one- and two-digit operators. Use estimation to check answers to calculations.
	Angles	<ul style="list-style-type: none"> Recognise the need for formal units to measure angles. Record angle measurements using the symbol for degrees ($^{\circ}$). Describe angle size in degrees for each angle classification.
9	Multiplication and Division	<ul style="list-style-type: none"> Use and record a range of mental and written strategies to divide numbers with three or more digits by a one-digit operator, including problems that result in a remainder. Use estimation to check answers to calculations.
	Length	<ul style="list-style-type: none"> Use the kilometre to measure lengths and distances. Select and use appropriate instruments and units to measure lengths.
10	REVISION / CATCH UP / ASSESSMENT	

