

Mathematics Outline: Year 7

Term	Week	Unit of Work	Key Concepts	Class Tasks and Homework	Assessments
1	1 - 3	Computation with Integers	Directed Numbers		
	4 - 6	Fractions, Decimals & Percentages Part 1	Fractions and Decimals		
	7 - 8	Length	<ul style="list-style-type: none"> • Review Stage 3 Length – focus on the conversion of units • Perimeter of Plane Shapes (no circles) 		
2	1 - 3	Fractions, Decimals & Percentages Part 2	<ul style="list-style-type: none"> • Percentages • Review Key Fraction and Decimal Concepts 		
	4 - 5	Area	<ul style="list-style-type: none"> • Review Stage 3 Area – focus on conversion of units • Area of Plane Shapes – no circles 		
	6 - 7	Indicies	<ul style="list-style-type: none"> • Prime Factors • Divisibility Tests • Index Laws 		
	8 - 9	Comp. with Integers	BIDMAS – applied to directed numbers		

3	1 - 3	Algebraic Techniques 1	Introductory Algebra		
	4	Equations Intro	Brief Introduction to Equations		
	5 - 7	Angle Relationships	Angles including parallel lines		
	8 - 10	Linear Relationships	Linear Graphs on the Cartesian Plane		
4	1				
	2 - 3	Time	Working with time – particularly time zones		
	4 - 5	Prop. Of Geometrical Figures 1	<ul style="list-style-type: none"> • Properties of Quadrilaterals and Triangles • Congruence tests 		
	6 – 8	Probability	Introductory Probability		
	9 - 11				