

2024 Scope & Sequence – Year 8 Mathematics



Term 1	Week	1	2	3	4	5	6	7	8	9	10	11	
	Topic	Data Collection							Measures of Location				
	Content	Methods of Data Collection		Frequency Tables	Graphs – Histograms, Stem and Leaf, Dot Plots, Sector Graph, Divided Bar Graph, Line Graph				Single Data Set	Grouped Data	Spread vs Location	Outliers	
	Assessment	Quizzes weeks 3, 5, 7 and 9											

Term 2	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Further Algebra				Further Equations			Pattern and Linear Relationships			
	Content	Number Patterns as Expressions		Expanding	Factorising	3-step Equations	Verifying Solutions	$X^2=c$	Plot Linear relationships	Deriving a Rule	Graphical Solutions	
	Assessment	Assignment + in class task week 2										

Term 3	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Area				Volume			Geometry and Congruence			
	Content	Converting Units	Area of Triangle and Quadrilaterals		Circles	Nets and Prisms	Converting Units	Volume of Prisms	Congruence and Transformations	Congruent Triangle Test		
	Assessment	Quizzes weeks 3, 5, 7 and test week 9										

Term 4	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Yearly Examination and Preparation		Financial Mathematics		Ratio and Rates			Probability			
	Content			GST and Best Buy	Profit/ Loss	Ratio	Rates	Graphs	Mutually Exclusive	Compound Events	Two Way Tables	
	Assessment	Yearly Examination week 2										