2024 Scope & Sequence – Year 9 Standard

Term 1

Week	1	2	3	4	5	6	7	8	9	10	11
Topic	Financial Mathematics					Algebraic Techniques				Ratios and Rates	
Content	Solving Problems involving Money		Simple Interest	Compound Interest		Four Operations	Algebraic Fractions	Expanding	Factorising	Rates	Graphs
Assessment	Quizzes weeks 3, 5, 7 and 9										

Term 2

Week	1	2	3	4	5	6	7	8	9	10
Topic	Area, Surface Area and Volume				Equations			Linear Relationships		
Content	Composite Area including Semi Circles and Annulus		SA Right Prisms	Volume of Right Prisms	Linear and Fractions	Substitution	Solving Quadratics	Coordinates and Sketching	m, Dist, MP	y=mx+c
Assessment	Assignment and in class task week 2									

Term 3

Week	1	2	3	4	5	6	7	8	9	10
Topic	Trigonometry				Single Variable Data		Bivariate Data		Non-Linear Relationships	
Content	Sin, Cos, Tan	Unknown Side	Unknown Angle	Elevation/ Depression	Quartiles and IQR	Box Plots	Defining Bivariate	Scatterplot	Parabolas/ Exponentials	Graphing Circles
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 Preparation		Probability		Geometry		Indices		Basic Algebra and Equations	
Content			Listing 2 step	Calculating 3 step	Congruence and Angle Properties	Similarity	Index Laws	Zero and Negative powers	4 Operations	3 step Equations
Assessment	Yearly Examination week 2									