2024 Scope & Sequence – Year 10 Stage 5.2

Term 1

Week	1	2	3	4	5	6	7	8	9	10	11
Topic	Financial Mathematics			Algebraic Techniques				Indices		Ratios and Rates	
Content	Solving Problems Involving Money including Simple Interest		Compound Interest	Basic Review	Algebraic Fractions	Expanding	Factorising	Index Laws	Zero/ Negative Index	Rates	Graphs
Assessment	Common test week 8										

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 and Composite Solids	Solving Equations (including Fractions)	Solving Inequalities	Simultaneous Equations	Sketching Intercepts	Parallel Lines	Perp Lines
Assessment	Assignment and in-class test week 6									

Term 3

Week	1	2	3	4	5	6	7	8	9	10
Topic	Trigonometry				Geometry		Similarity		Non-Linear Relationships	
Content	Sin, Cos, Tan	Unknown Side and Angle	Elevation/ Depression	Bearings	Congruence Poofs	Proving Geometrical Identities	Similarity in Proofs	Similarity to Solve Problems	Parabolas/ Exponentials	Graphing Circles
Assessment	Common Test week 7									

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									