

2024 Scope & Sequence – Year 10 Stage 5.1



Term 1	Week	1	2	3	4	5	6	7	8	9	10	11	
	Topic	Financial Mathematics					Indices and Algebra						
	Content	Solving Problems involving Money			Simple Interest and Compound Interest		Index Laws	Variable as base	Product and Quotient	Substitution	Simplifying Algebraic Expressions		
	Assessment	Class test week 8											

Term 2	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Area and Surface Area				Units of Measurement		Linear Relationships				
	Content	Area	Composite Figures	S.A. of Right Prisms including Pythagoras		Scientific Notation	Significant Figures	Table of Values	Sketching a Line	Gradient and Distance	Parallel and Perpendicular Lines	
	Assessment	Assignment and in class task week 6										

Term 3	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Trigonometry				Geometry			Non-Linear Relationships			
	Content	Sin, Cos, Tan and the Right-angled Triangle		Unknown Side and Angle	Elevation/Depression	Similarity	Using Similarity to Solve Problems	Real World Problems	Graphing Using a Table of Values		Graphs and Equations	
	Assessment	Common Test week 7										

Term 4	Week	1	2	3	4	5	6	7	8	9	10	
	Topic	Yearly Examination and Preparation		Relative frequency				Statistics		Research into Jobs		
	Content			Experiments	Relative Frequency as Prediction	Using 'and', 'or'	Venn Diagram and 2 way tables	Types of Data and Graphs	Comparing and Evaluating Data	Comparing Salaries	Checking Training and Work Requirements	
	Assessment	Yearly Examination week 2										