

MASTERCLASS TOPICS

Term 1: 28 January - 11 April

Term 2: 28 April - 27 June

Term 3: 21 July - 26 September

Term 4: 13 October - 5 December

	TERM 1	TERM 2	TERM 3	TERM 4
YEAR 7	Order of Operations Indices Directed Numbers	Algebra Equations	Linear Relationships Area	Probability Data Analysis
YEAR 8	Fractions Percentages & Decimals Area & Volume	Rates & Ratios Algebraic Techniques Indices	Pythagoras' Theorem Angle Relationships	Properties of Geometrical Figures Statistics
YEAR 9	Algebra Surd & Indices Trigonometry Consumer Arithmetic	Quadratic Expressions Linear Relationships	Similarity & Congruence Arithmetic series Geometric series	Probability Statistics Stem and Leaf graphs Interquartile range
YEAR 10	Algebra techniques Quadratic Equations Simultaneous equations Indices & Surds	Financial Maths Non-Right Angle Trigonometry Bearings Data analysis Probability	Sequences & Series Linear Relationships	Non-Linear Relationships Functions & Transformations Logarithms
YEAR 11	Algebra techniques Functions & Relations Linear functions	Trigonometry & Radians Trigonometric Identities Trigonometric Equations	Introduction to Calculus Stationary points Rates of change Exponential & Logarithmic functions	Graphing Transformations, reflections & dilations Probability & Data
YEAR 12	Sequences & Series Discrete Probability Distribution Normal Distribution & Z Scores	Differentiation of Exponential functions, Logarithmic functions & Trigonometric functions	Integral Calculus Integration of Exponentials, Logarithmic functions & Trigonometric functions	Curve sketching using calculus Optimisation Growth & Decay Displacement, Velocity & Acceleration

