

## Mathematics A Level Curriculum Map

		Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
AS Mathematics	<b>Pure</b>	Algebra and Functions Coordinate Geometry in the (x,y) plane	Differentiation Integration	Trigonometric ratios Trigonometry identities and equations	Algebraic Methods (AS/A2) Exponentials and Logarithms	Exponentials and Logarithms	Binomial Theorem Modelling and real-life application (AS/A2)
	<b>Applied*</b>	Quantities and Units in Mechanics. Kinematics 1 (constant acceleration). Dynamics: Newton's Laws	Statistical Sampling Data (CI2-3) Correlation Probability	Dynamics: Newton's Laws Kinematics 2 (variable acceleration)	Statistical Hypothesis Testing Statistical Distributions	Statistical Hypothesis Testing	Forces at any Angle 1 (resolving forces) Further Kinematics 1 (constant acceleration) Applications of Kinematics (projectiles)
A Level Mathematics	<b>Pure</b>	Proof (AS/A2) Vector (AS/A2) Functions and Modelling	Radians and Trigonometry (*Parametric equation)	Differentiation and Integration	Sequence and Series Numerical Methods	Consolidation of Pure	Examinations
	<b>Applied</b>	Moments Recap, Force & Friction Hypothesis testing*	Normal distribution /Probability Projectiles*	Applications of forces Further Kinematics	Correlation & Regression	Consolidation of Applied Topics	Examinations
	<b>Applied*</b>	Revision on AS Statistic Moments Recap, Force & Friction* Hypothesis testing	Normal distribution * /Probability Projectiles	Applications of forces Further Kinematics	Correlation & Regression	Consolidation of Applied Topics	Examinations