

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 12	Quadratics Indices Surds Simultaneous equations Lines and circles Inequalities Polynomials Binomial expansion Factor and remainder theorems	Transforming graphs Trigonometry 1 Introduction to Calculus: First principles Differentiation	Differentiation Integration Logs Exponentials Curve fitting Proof	Mechanics: 2D vectors Units and kinematics Forces Dynamics Motion	Statistics: Sampling Measures of central tendency and spread Probability Binomial distribution Hypothesis testing	RRRR Mock AS exams Interventions to prepare for A2
YEAR 13	Functions Modulus Algebraic fractions Partial fractions Further proof Binomial series Sequences and series Radian measure	Trigonometry 2 Advanced Calculus: Methods of Differentiation and Integration 2	Differential equations Numerical methods Mechanics: Motion 2 Forces 2 3D vectors Statics	Mechanics: Dynamics 2 Moments Statistics: Probability 2 Normal distribution Correlation Hypothesis testing 2	RRRR Mock A2 papers and interventions	