

Mathematics A level Curriculum

	Autumn Term	Spring Term	Summer Term
Y12	Quadratics Surds and Indices Coordinate Geometry Polynomials Trigonometry Differentiation Binomial expansions	Integration Vectors Kinematics Exponentials and logarithms Radians Forces and motion Sequences Variable acceleration	Data collection Functions Data Processing and interpretation Trigonometrical functions Probability The Binomial Distribution Partial fractions Hypothesis testing using the binomial distribution
Y13	Differentiation Vectors Proof Trigonometrical identities Parametric equations Integration Kinematics Projectiles Numerical methods	Differential equations Probability Forces and motion Moments Statistical distributions Hypothesis testing Friction	Revision