

## KS5 YEARS 12 & 13 MATHEMATICS 2023/24

YEAR	TERM 1 (Autumn)	TERM 2 (Spring)	TERM 3 (Summer)
YEAR 12	Algebraic Fractions Quadratics Equations and inequalities Binomial expansion Data collection Measures of location and spread Representation of data Graphs & transformations Straight line graphs Circles Correlation Probability	Differentiation Integration Algebraic Methods Models Statistical distribution Hypothesis tests Trig ratio Models Constant acceleration Forces Trig ratio Trig identities Vectors	Forces Variable acceleration Exponents & logarithms End of Year tests Algebraic methods Functions & graphs Regression/correlation & hypothesis test Conditional probability Revision
YEAR 13	Revision Sequences Binomial expansion Radians Regression/correlation & hypothesis test Conditional probability Normal distribution Trig functions Trig models Normal distribution Moments	Parametric equations Differentiation Numerical methods Forces and friction Projectiles Numerical methods Integration Application of forces Further kinematics	Revision External exams