

SUBJECT: MATHS

KS5 CURRICULUM OVERVIEW

YEAR 12 AS MATHS



Topics being taught	What you will be assessed on	How you can support at home
Algebra and Functions Vectors in 2D Coordinate Geometry in the (x,y) Plane OCTOBER 1/2 TERM	Algebraic Expressions, Quadratic Functions, Simultaneous Equations, Position Vectors, Straight Line Graphs	Algebra Vectors
Transformations Further Algebra Trigonometry Calculus CHRISTMAS	Transforming Graphs. Polynomial Division, Binomial Expansion, Trigonometric Identities Differentiation and Integration	Differentiation Integration
Statistical Sampling Data Presentation Units in Mechanics Kinematics (Constant Acceleration) FEBRUARY 1/2 TERM	Sampling Techniques, Single-Variable Data, Vector and Scalar Quantities, SUVAT	Sampling SUVAT
Probability Statistical Distributions Variable Acceleration Logs and Exponentials	Mutually Exclusive Events, Discrete Distributions for Modelling, Newton's 2 nd and 3 rd Laws, Exponential Functions	Probability Logarithms
Statistical Hypothesis Testing Revision EASTER	Language of Hypothesis Testing, Revision	Hypothesis Testing Revision
MAY 1/2 TERM	Revision	Revision Revision
AS Exams	Revision	Revision

