

KS5 Curriculum Journey

Maths



Preparation for the exam

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Components

Proof
Sequences and series
Differential Equations
Numerical solutions of equations
Projectiles
Moments
The Normal Distribution
Hypothesis testing

Next Steps

University
Apprenticeship
Employment

Skill for Life

Problem Solving
Reasoning
Statistical analysis
Numeracy

Regular assessment opportunities

Components

Indices and surds
Quadratic functions and Polynomials
Trigonometry
Coordinate Geometry
Logarithms and Exponential modelling
Binomial Expansion
Calculus
Vectors
Data presentation and interpretation
Probability
Introduction to Mechanics

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Skills and Knowledge Building

Use and apply standard techniques
Reason, interpret and communicate mathematically
Solve problems within mathematics and in other contexts.

Career Ideas

Engineering
Accountancy
Teaching
Finance

Builds on

Maths, Physics

Grade Criteria

Grade 6 at GCSE Maths
(Grade 7 preferred)

