

# KS5 Curriculum Journey

## Core Maths



### Next Steps

University  
Apprenticeships  
Work

### Preparation for the exam

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### Components

Paper 2A Statistical Techniques (50%)  
Normal distribution & confidence intervals  
Correlation and regression  
Critical path analysis  
Cost-benefit analysis

### Regular assessment opportunities

### Skill for Life

Critical thinking  
Communication  
Analysing and interpreting data  
Personal finance skills

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### Components

Paper 1 (50%)  
Fermi estimation and modelling  
Analysis of data  
Personal finance  
Critical analysis

### Skills and Knowledge Building

AO1: Use and apply standard techniques  
AO2: Select appropriate techniques to solve problems in a mathematical or non-mathematical context and analyse data and represent situations mathematically  
AO3: Devise strategies to solve problems where the method is not obvious and communicate processes and results

### Career Ideas

Science  
Research and development  
Politics  
Architecture  
Psychology

### Builds on

Mathematics GCSE  
**Supports A levels in:**  
Psychology  
Biology, health and social care  
Business  
Geography and environmental science  
PE

### Grade Criteria

Grade 5 at GCSE Maths preferred. Grade 4 accepted for the right candidate. (Higher or Foundation)

