

AS Core Mathematics: AQA Mathematical Studies Level 3



Future Prospects:

You can progress on to: Degrees with some mathematical content such as accountancy and a wide range of careers which require a numerate background.

Student Feedback:

This course has been running since September 2018. Students find it very useful and practical.

Features of the Course:

- Plan and interpret information from different sources
- Carry out multi-stage calculations and be able to form extended lines of reasoning
- Present findings, explain results and justify choice of methods
- Spiritual, moral, ethical social and cultural issues relating to mathematics

Compulsory Content

Data Analysis 1

Data Analysis.

Maths for Personal Finance

Estimation

Critical Analysis of Given Data and Models

Optional Content

Data Analysis 2

Statistical Techniques

The Normal distribution

Probabilities and Estimation

Correlation and Regression

or

Critical Path and Risk Analysis

Critical Path and Risk Analysis

Expectation

Cost Benefit Analysis

or

Graphical Techniques

Graphical Methods

Rates of Change

Exponential functions

Methods of Assessment:

This is an AS course which will take one year to complete. There are two papers at the end of Year 12, consisting of compulsory content and optional content of data analysis, assessed by two 1½ hour written papers (60 marks each).