Mathematics
Level 3 Enrichment Qualification

What will I learn?

Compulsory Content
- Analysis of data: understanding and application of statistical techniques, interpreting data and drawing conclusions in the solution of problems.
- Maths for personal finance: numerical calculations, percentages, interest rates, repayments and cost of credit, graphical representation, taxation and solution to financial problems.
- Estimation: ideas concerning the formulation of mathematical models
- Critical Analysis: use given data and models and be mathematically critical of them

Optional Content
- Statistical Techniques: Normal distribution, probabilities and estimation and correlation and regression

How will I learn?

6 lessons a fortnight and 4 study periods, where you will be shown new mathematical skills and further hone your existing ones from GCSE to a wider variety of problems. The lessons are structured similarly to GCSE lessons, however there is a greater emphasis on independent work to practice the skills being taught. As part of your timetable, you will have lessons to spend on this independent work.

How will I be assessed?

There are two written examinations of 1 hour 30 minutes.
Paper 1 covers the compulsory content
Paper 2 covers the optional content

FAQs.

What do I need to know or be able to do before taking this course?
Students should have a grade 4 or above in GCSE Mathematics. The course helps to develop students' mathematical skills and thinking and supports courses such as A-level Psychology, Sciences and Geography as well as technical and vocational qualifications. The course has the same UCAS points as an AS level.

What kind of student is this course suitable for?
This course will appeal to students who:
- Enjoy solving mathematical problems and applying their mathematical skills to solve real life problems
- Want a course that will complement other A levels
- Want to build their confidence and competence in applying mathematical techniques to solve a range of problems that will prepare them for further study and future employment within a broad range of academic, professional and technical fields

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Exam Board
AQA

Subject Specific Entry Requirements
Maths grade 4 or above

Skills Gained
Data Analysis
Question Information
Problem Solving
Decision Making

Careers
Data Analyst
Data Processor
Sciences
Medicine
GP
Nurse
Project Management