A LEVEL: FURTHER MATHEMATICS
(AWARDING BODY AQA)

CONTENT

Pure Mathematics
Extend knowledge of topics such as algebra and trigonometry as well as learning some brand new ideas such as calculus.

Discrete Mathematics
Discrete mathematics deals with solving problems involving networks using a range of methods or algorithms. Many of these problems and their algorithms are of recent origin.

Statistics
Statistics deals with the collection, classification, analysis, and interpretation of numerical facts or data, by use of mathematical theories of probability and modelling.

The A level is assessed by three exam papers at the end of Year 13.

Paper 1: two hours (33.3% of A level)
100% Pure Maths

Paper 2: two hours (33.3% of A level)
100% Pure Maths

Paper 3: two hours (33.3% of A level)
50% Discrete Maths and 50% Statistics

PROGRESSION

A large number of University courses and careers demand a good standard of mathematical knowledge. Studying Further Maths gives you a broader and greater depth of knowledge of mathematics as well as building up key skills such as problem-solving, clear communication skills and logical reasoning.

Research has also shown that Maths is the only
A level proven to increase earnings in later life - by 10%.

For further information about the course contact:
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What sort of careers require good mathematical skills and knowledge?

- Games designer
- Internet Security
- Programming
- Aircraft Modelling
- Acoustic Engineering
- Electronics
- Civil Engineering
- Quantum Physics
- Astronomy
- Forensics
- Meteorology

Further Mathematics has a 100% pass rate at A* - C and our recent alumni include:

- Owen Channon A* 2021: Economics at the University of St Andrews

- Louis Jones A 2021 Mathematics at the University of Bath

- Nahim Odud B 2021: Mechanical Engineering at the University of Exeter

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