

MATHEMATICS

ACCREDITING AUTHORITY | OCR

COURSE LEVEL 3 | A Level

WHAT IS MATHEMATICS?

A-level Maths provides students with a thorough grounding in the mathematical tools and techniques often needed in the workplace. The logic and reasoning skills developed by studying A-level Maths make sure the qualification is widely respected even in non-mathematical arenas.

COURSE FOLLOWED

[OCR Mathematics A H240](#) (AS H230)

AS Maths

Students will study the units for the AS Maths qualification. If they achieve a D in Progression Point 2, they will be entered for the AS Maths exam and to continue to A2 will be expected to achieve a D or better.

Assessment

Paper 1 - Pure and Statistics topics assessed, 90 minutes, 50% of AS

Paper 2 – Pure and Mechanics topics assessed, 90 minutes, 50% of AS

A2 Maths

Students will study the units for the A2 Maths qualification. The content from AS will also be assessed in the examination however the full A-level qualification is assessed only on the examinations at the end of their A2 year.

Assessment

Paper 1 - Pure topics assessed, 120 minutes, $33\frac{1}{3}\%$ of A2

Paper 2 – Pure and Statistics topics assessed 120 minutes, $33\frac{1}{3}\%$ of A2

Paper 3 - Pure and Mechanics topics assessed, 120 minutes, $33\frac{1}{3}\%$ of A2

ENTRY REQUIREMENTS

7 or above at Maths GCSE

FUTURE PROSPECTS

Career prospects are excellent, with the possibility of continuing your studies at University. Typical employment prospects include work in business, science, engineering and technology-related sectors, with maths graduates occupying roles such as accountant, actuary, statistician, technician, economist or market researcher. Starting salaries are generally much higher than the national average. There is a great website www.mathscareers.org.uk where you can find out a lot more about everything you can do with Maths and why it is such a respected subject.



For further information please contact Mrs J Hill on joanna.hill@ashfield.notts.sch.uk