

### **COURSE LEVEL 3** | A Level

#### **WHAT IS FURTHER MATHEMATICS?**

Choosing Further Maths at Ashfield will give you the opportunity to achieve 2 A-level Maths qualifications by the end of year 13 and as a result occupies two blocks in the timetable. It 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 Further Maths make sure the qualification is widely and excellent preparation for a degree in mathematics.

#### **COURSE FOLLOWED**

**Year 12**      [OCR Mathematics A H240](#) (AS H230)

Students will study the units for the A-level Maths qualification.

##### **Assessment**

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

Paper 2 – Pure and Mechanics topics assessed 120 minutes,  $33\frac{1}{3}\%$  of A-level Maths

Paper 3 - Pure and Statistics topics assessed, 120 minutes,  $33\frac{1}{3}\%$  of A-level Maths

**Year 13**      [OCR Further Mathematics H245](#) (AS H235)

Students will study the units for the A-level Maths qualification.

##### **Assessment**

Paper 1 - Pure topics assessed, 90 minutes, 25% of A-level Further Maths

Paper 2 – Pure topics assessed 90 minutes, 25% of A-level Further Maths

Paper 3 and 4 – Students choose 2 (or more) papers from Discrete, Mechanics, Statistics or Further Pure. 2 x 90 minutes, 50% of A-level Further Maths (If students decide to take more than 2 the exam board will use the best 2)

#### **ENTRY REQUIREMENTS**

**8 or 9** in 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](http://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](mailto:joanna.hill@ashfield.notts.sch.uk)*

