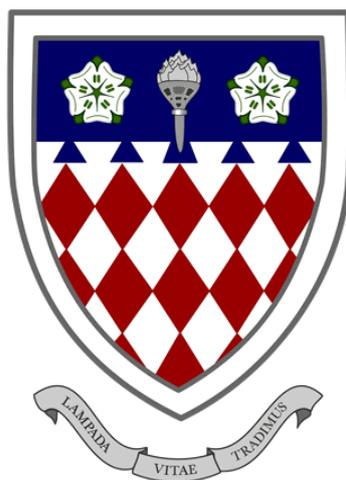


# Spalding High School Sixth Form

# A Level Further Mathematics



## Why Choose A Level Further Mathematics?

Further Mathematics is fun and rewarding. It broadens students mathematical skills and promotes deeper mathematical thinking. Students will be introduced to interesting new areas of pure mathematics such as complex numbers and apply mathematics in a wider range of contexts.

Studying A level Further Mathematics is also likely to improve student's grade in A level Mathematics. The extra time, additional practice, further consolidation and development of techniques beyond A level Mathematics provide enrichment promoting attainment of the higher grades in both A levels .

Mathematics and Further Mathematics are versatile qualifications, well-respected by employers and are both "facilitating" subjects for entry to higher education. Having A level Further Mathematics on a student's university application is a way to make it stand out. It is highly sought after by universities, especially as part of an application to higher education in the STEM subjects as the additional content helps ensure a successful progression to university.

## What is the content of the course and how is it assessed?

Further Mathematics is assessed over four 90 minute papers, each comprising of 75 marks and worth 25% of the qualification.

There are several examination routes permitted for A Level Further Mathematics, providing flexibility of study. Each of these routes comprises the mandatory Paper 1 and Paper 2 and a choice of four options for Paper 3 and seven options for Paper 4. Students choose one option for each paper.

Options available in Statistics, Mechanics or Decision Mathematics.

The booklet 'Mathematical Formulae and Statistical Tables' will be provided for use in the assessment.

Calculators will be required for each paper.

## What do our students say about A Level Further Mathematics?

*'I would really recommend taking further mathematics as it challenges your maths skills but it is satisfying when you get the right answer.'*

*'I took further maths due to a general enjoyment of the subject and to help the transition from A level to university level maths.'*

*'I wasn't sure I wanted to take further maths as I had heard that it was really difficult. However, I found that it was exactly the same as single maths but I got to stretch my knowledge further. Taking further maths forms you into a mathematician who is able to apply their knowledge to many situations and it complements many other subjects (such as science and history). If you like math then further maths is the right subject for you.'*

## **Specification**

Exam Board— Edexcel

<http://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>

## **Entry requirements**

GCSE Grade 8 or above in Mathematics

***For further details please contact***

**Miss S Chalcraft  
Head of Mathematics**

**Spalding High School, Stonegate, Spalding, PE11 2PJ**

**01775 722110**

**[enquiries@spaldinghigh.lincs.sch.uk](mailto:enquiries@spaldinghigh.lincs.sch.uk)**