Spalding Grammar School Sixth Form

Enrichment Information

Core Maths

Entry Requirement:

Grade 5 in GCSE Mathematics.

About the subject: The term 'Core Maths' refers to a level 3 mathematical qualification which is suitable for students who have studied higher level GCSE but do not wish to progress into A level maths. Courses are designed to be about half an A Level and taught in one year, during Year 12, alongside the standard A Level course.

Core Maths has been designed to maintain and develop real-life maths skills. What you study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and includes a financial maths element. It will also help with other A Level subjects, in particular with Science, Geography, Business Studies, Psychology and Economics.

The skills developed in the study of Mathematics are increasingly important in the workplace and in higher education. Studying Core Maths will help you keep up these essential skills. Most students who study Maths after GCSE improve their career choices and increase their earning potential.

There are two, equally weighted, written exams. There is no coursework.

The compulsory material required for Paper 1 covers:

- Analysis of data
- Maths for personal finance
- Estimation

Paper 2 contains some compulsory content and an optional unit. The topics we cover are:

- Critical analysis of data (compulsory)
- Modelling (compulsory)
- Statistical techniques (optional unit)

Where does it lead? Core Maths is growing in popularity and many universities have come out in strong support of it. Even subjects such as History now recognise the importance of Statistics and so a Core Maths qualification will help you hit the ground running at university.

Employers from all different sectors are also firmly behind the Core Maths qualification. Many roles in today's workplace require high levels of budget management and problem-solving skills. Core Maths will be a useful tool in equipping you with these skills.