Brigshaw SIXTH FORM

AS Level

MATHEMATICS - CORE

Core Mathematics equips you to use mathematics to deepen your understanding of the world around you as you consolidate and build upon the GCSE content that can be directly applied to real life situations. You will foster the ability to think mathematically and draw conclusions from data preparing you for the real-life mathematical demands of further study and employment.

FUTURE OPPORTUNITIES

Studying Core Maths helps you to develop your quantitative and problem-solving skills which is valuable preparation for any university course or apprenticeship. Many universities and employers recognise the importance of continued study of maths and hold this course in high regard. It is particularly helpful in preparing you for the study of any sport and social science, business related or natural science course with many universities now offering a reduced offer for students who study this alongside their other subjects.

ENTRY REQUIREMENTS

GCSE:

This course is aimed at students achieving between a grade 4-6 at GCSE Mathematics.

CONTACT:

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COURSE CONTENT & ASSESSMENT

This course helps to develop valuable mathematical skills which are relevant to the world we live in. The course is designed to be interesting as you focus purely on real life applications of the maths you will learn. Throughout the qualification you will study the following areas of maths:

- Financial Mathematics
- Statistics & Probability
- Critical Analysis
- Modelling using spreadsheets
- Estimation
- Interpreting graphs
- Working with data
- Understanding sources of error and bias when problem solving

As the course is designed to get students ready to use essential mathematics skills in any pathway of employment or further study, it will also support the study of the following courses:

- Business and Economics
- Sport Science and PE
- Geography
- Sociology
- Psychology
- Biology
- Health and Social Care

EXAMINATIONS

- **You will sit two 90 minute papers at the end of the course. There is no coursework**