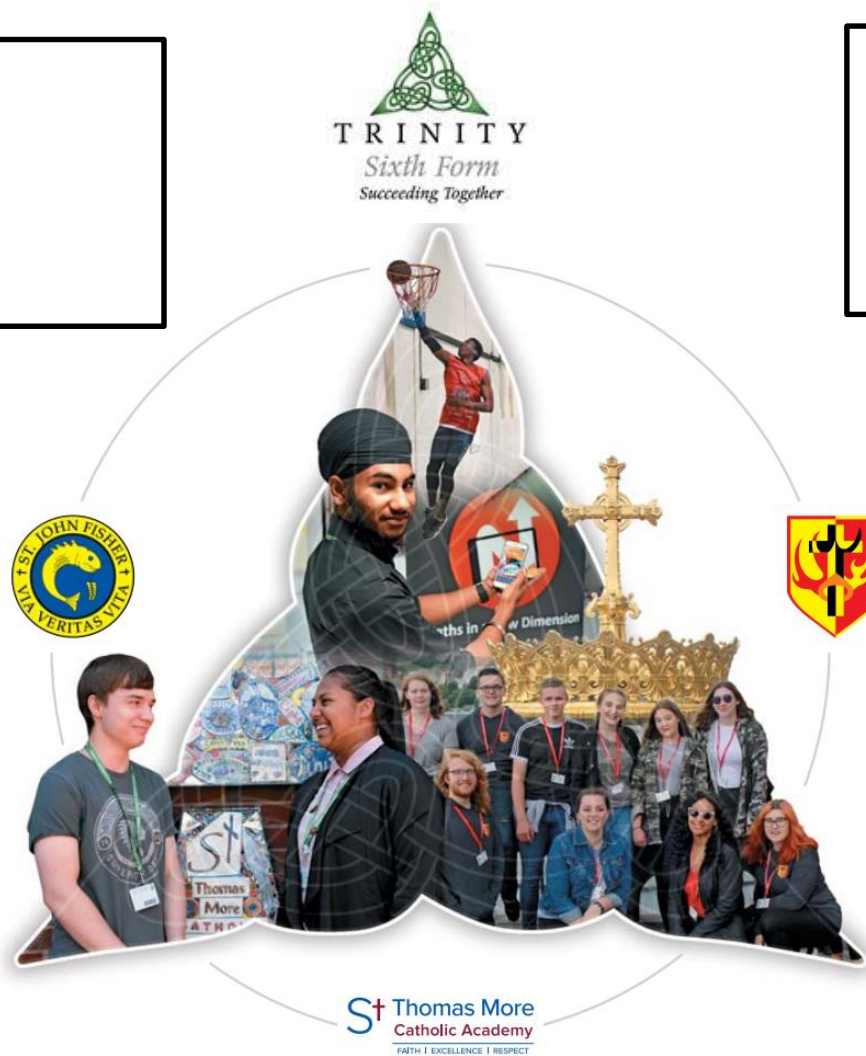


A level Further Mathematics

Core Mathematics ; This is assessed with two 1 hour 30 min papers and is based around the pure content of the course...

Further Mathematics Options; This is assessed with two 1 hour 30 min papers and is based on statistics or mechanics or decision maths depending on which option is chosen



Exam board: EDEXCEL

Which subjects does this combine well with?

- Maths
- Physics
- Biology
- Chemistry
- Geography
- Computing
- Psychology

Entry Criteria: GCSE grade 8 or above in Maths

Careers this qualification can lead to: An A Level in Further Mathematics is a much sought after qualification for entry into a wide variety of full time course at Higher Education. The door is open to any career with A level Maths but it's a key subject for careers in Economics, Accountancy, Architecture, Engineering, Medicine, Teaching, Psychology, Environmental Studies, Computing, IT, Banking, Insurance, Financial Advice, Investments and many more.

Summary of subject

Core Mathematics (Compulsary)

This looks at Complex Numbers , Numerical solutions of equations , Series , Matrices , Coordinate systems and Proof by induction. It is a further look at the Pure element at Mathematics A level.

Mechanics(Option)

This enables you to describe mathematically the motion of object and how they respond to forces acting upon them. Many of the ideas that you will meet form an essential introduction to engineering and physics.

Statistics(Option)

This enables you to analyse and summarise numerical data in order to arrive at meaningful conclusions. You will extend the range of probability concepts from GSCE. Many of the topics have wider applications in Biology and Geography for the recording of experiments.

Decision (Option)

This looks at mathematical algorithms in terms of where maths can be used to evaluate problems and make mathematical choices.

During the course we work with you and decide on the best options for the non core elements.

