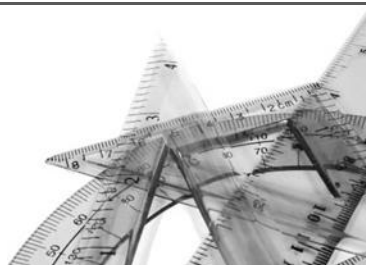




# Mathematics

Fiona Mapp

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## Course Aims

- To use mathematical skills, arguments, knowledge and logic to solve quite complicated problems
- You will also have to understand and demonstrate what is meant by proof
- To use the Mathematics learnt to solve problems that are given to you in a real life context.

## Qualifications and Qualities Needed

The minimum entry requirement is a grade 7 at GCSE; however, it is strongly advised that you speak to your Mathematics teacher to discuss your suitability for A-level before applying.

## Course Structure

We currently follow the Edexcel specification.

- The course will now be a linear course and all students will study Pure Mathematics, Mechanics and Statistics.

The final examinations will consist of three 2-hour papers; students will sit these at the end of Year 13. There is no coursework requirement for A-level Mathematics. For more detail, please visit <https://qualifications.pearson.com>

In addition to the five hours of teaching per week, we do targeted intervention at intervals throughout the two years to support some students in moving towards their target grades. The team of A-level maths teachers are available to help students with specific problems after school or at lunchtimes.

## Future Pathways

A-level Mathematics is a much sought-after qualification for entry to a wide variety of full-time courses in Higher Education. There are also many areas of employment that see Mathematics A-level as an important qualification and it is often a requirement for the vocational qualifications related to these areas. If you wanted to go on to study Mathematics at degree level, you will often need to have studied Further Mathematics. Please bear this in mind when making your A-level subject choices.