

# Mathematics

A-Level

## What is the course about?

- 🌐 Developing your skills in the areas of pure maths, statistics and mechanics.
- 🌐 Applying these skills in a wide range of situations - from heavy duty problems to the more light-hearted, such as the UKMT Senior Maths Challenge.

## What kind of students is this course suitable for?

Students who wish to develop their mathematical skills beyond GCSE, and who want to keep open the possibility of pursuing mathematics or science to degree Level and beyond.

It will also be a useful support to anyone whose main interest is in applying mathematics to their main subject of interest, e.g. Sciences, Design, Computing, Economics and the Social Sciences.

## Are there any special considerations I need to be aware of?

No - just turn up prepared to work hard and enjoy all the new content you'll cover!

## What could I go on to do at the end of my course?

Mathematics is a versatile qualification, well respected by employers and a "facilitating subject" for entry to higher education. The reason why so many employers value mathematics qualifications is mathematics students become better at thinking logically and analytically. Through solving problems you develop resilience and are able to think creatively and strategically. You will have excellent numeracy skills and the ability to process and interpret data.

For progression to many courses at university it is important to have strong mathematics skills. For most STEM subject degree courses A level mathematics is a requirement.



## What if I need further advice or information?

- 👤 Speak to a member of the department
- @ [maths@wootton.beds.sch.uk](mailto:maths@wootton.beds.sch.uk)
- 🌐 <http://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>