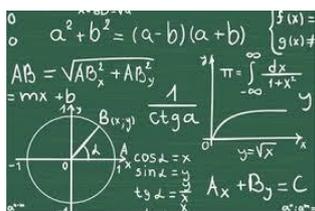


A level Maths FAQ's



Will I be able to 'do' A level maths?

If you enjoy maths and are going to achieve a grade 6 or above, then yes.

If you enjoy and/or are good at algebra, then yes. A Level math students generally enjoy maths and algebra!

If you are in any doubt, speak to your maths teacher. He/she knows you and your mathematical ability really well and will be able to advise you.

What does the course cover?

It covers more of the pure maths studied at GCSE and lots of algebra – as mentioned above, you need to like and be pretty good at algebra!

We also look at two new branches of mathematics: Statistics and Mechanics. Both of these help with any science and social science A level subjects being taken.

Pure mathematics	Algebra
	Polynomials and Binomial theorem
	Trigonometry
	Differentiation & integration
	Exponentials & logarithms
Statistics	Collecting, representing & interpreting data
	Probability
	Hypothesis testing
Mechanics	Kinematics – how things move
	Forces & Newton's laws
	Vectors – but not the same as GCSE vectors

Is A level maths hard?

Yes, A level maths is a challenging subject. It is why we recommend you have **at least a grade 6 or 7** at GCSE maths. The course requires time, effort and dedication outside of lesson time as well as in them.

How much work will I need to do?

It is recommended that for every hour in class you spend 2 hours outside reviewing notes and completing homework tasks. That is why you do not have a full timetable. You are expected to seek help from teachers if you need it outside of your lesson time.

What can I do after studying A level maths?

Due to its reputation for being a challenging A level, studying A level maths opens doors to MANY different careers and further education possibilities. Some examples are: economics, architecture, banking, teaching, medicine, psychology and IT to name but a few.

Who do I contact if I have more questions?

Please contact Mr Spreadborough, KS5 Lead at: kspreadborough@plymstockschool.org.uk or Ms Marshall, Head of Department at: kmarshall@plymstockschool.org.uk