



**The Cardinal Wiseman Sixth Form**  
**A Level course 2017-19**

**Mathematics**

We follow the EDEXCEL syllabus.

**Entry Requirements:**

6 A\* - C GCSE passes including a 4 in English Language and a grade 7 or a very high 6 in Maths (dependent on high UMS scores as set by the Head of Maths).

**New assessment structure**

Qualification	Component	Overview	Assessment
A level Mathematics	<b>Paper 1:</b> Pure Mathematics 1	AS content assessed at A level standard	2 hours 100 marks
	<b>Paper 2:</b> Pure Mathematics 2	Remaining pure content which builds on and incorporates AS content.	2 hours 100 marks
	<b>Paper 3:</b> Statistics and Mechanics	Section A: Statistics (50 marks) Section B: Mechanics (50 marks)	2 hours 100 marks
AS level Mathematics	<b>Paper 1:</b> Pure Mathematics	Content aligned to Paper 1 of A level Maths, assessed at AS level standard	2 hours 100 marks
	<b>Paper 2:</b> Statistics and Mechanics	Section A: Statistics (25 marks) Section B: Mechanics (25 marks)	1 hour 50 marks

**What are the examination/coursework requirements?**

There is no coursework for A Level Mathematics. Assessment is 100% examination.

**What skills will I develop?**

- Develop areas of your brain that are left untouched by other subjects
- Extend your analytical ability and logic
- Gain a better understanding of other subjects through improved cognitive & communication skills
- We have excellent links with universities such as Imperial, UCL and Kingston which allow you to benefit from university experience including lectures/revision days.

**How will this subject help me with my future career?**

Studying Maths will always be looked on very favourably by all universities as a significant proportion of modern degrees have Mathematics modules. There are many career paths after studying Mathematics at university – Accountancy, Investment banking, Stock broking, Engineering, Actuarial science, becoming a Statistician, a teacher or even a university lecturer! Statistics show that graduates can earn up to £600,000 more than non-graduates over their working lives. Students who study Maths tend to earn a ½ more. That's £800,000!