

# St Paul's Catholic School

## **A LEVEL MATHEMATICS**

### Entry Requirements

Generic A-Level entry requirements plus mathematics GCSE at Grade 6 or above.

#### Mathematics A level Specifications For first teaching Sept 2017-AQA

The full specification can be accessed from the link below. We do not offer an AS level in Mathematics at St Paul's. In terms of content, the AS course is exactly identical to the year 12 scheme of study.

https://www.aqa.org.uk/subjects/mathematics/as-and-a-level/mathematics-7357

#### Assessment of A-Level

Paper 1	
Any content from:	How it's assessed
• A: Proof	<ul> <li>Written exam: 2 hours</li> </ul>
<ul> <li>B: Algebra and functions</li> </ul>	• 100 marks
C: Coordinate geometry	• 33⅓ % of A-level
<ul> <li>D: Sequences and series</li> </ul>	
• E: Trigonometry	Questions
<ul> <li>F: Exponentials and logarithms</li> </ul>	A mix of question styles, from short, single-
G: Differentiation	mark questions to multi-step problems.
• H: Integration	
• I: Numerical methods	
Paper 2	
Any content from Paper 1 and content from	How it's assessed
• J: Vectors	Written exam: 2 hours
<ul> <li>P: Quantities and units in mechanics</li> </ul>	• 100 marks
• Q: Kinematics	• 33⅓ % of A-level
<ul> <li>R: Forces and Newton's laws</li> </ul>	
• S: Moments	Questions
	A mix of question styles, from short, single-
	mark questions to multi-step problems.
Paper 3	
Any content from Paper 1 and content from	How it's assessed
<ul> <li>K: Statistical sampling</li> </ul>	Written exam: 2 hours
• L: Data presentation and interpretation	• 100 marks
• M: Probability	• 33⅓ % of A-level
N: Statistical distributions	
<ul> <li>O: Statistical hypothesis testing</li> </ul>	Questions
	A mix of question styles, from short, single-
	mark questions to multi-step problems.

For Further information, please speak to Mr Byrne



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