



## Maths Department

The Mathematics department is currently made up of thirteen full time teachers and one part-time teacher. There is already a large and substantial leadership structure in place, with the Director of STEM responsible for the strategic lead of maths and science, the operational lead of maths leading on KS4 maths, and two teachers with responsibility for KS5 and KS3 maths respectively. In addition to this, there is also a subject lead for Core Maths within the KS5 provision. This vibrant department gives all teachers the opportunity and support to take a lead in areas of interest contributing to their own professional development.

Maths is a successful department characterised by strong team-work and excellent working relationships. Everyone contributes to the work of the department by developing resources and materials. Continuing professional development is integral. Maths ECTs in their second year of teaching are invited to pursue the TAM course (Teaching Advanced Mathematics) which is run by MEI and hosted by MMU. Other professional development opportunities include involvement in our STEP program (Sixth Term Examination Paper) for students in Year 13 preparing for Oxbridge and other Russell group universities. Our staff have the opportunity to train aspiring maths teachers through our SCITT. We can guarantee that the successful applicant, irrespective of their experience, will be offered every opportunity to extend their professional development throughout all the key stages at Blue Coat.

The maths department is located in a new, purpose built, suite of classrooms. Teachers have their own classrooms and there is a maths department workroom. All classrooms have a digital projector and an interactive whiteboard. Maths runs a wide range of extra-curricular activities for all students.

We enter many competitions and challenges, both locally and nationally. National competitions include the UKMT challenges (United Kingdom Mathematics Trust based at Leeds University). We also offer support to all our students at lunchtime through our homework club for Years 7 through to 11 and for our sixth form students through our study support classes.

Maths is a lively, forward-looking department of dedicated professionals who seek to inspire and enthuse students to enjoy mathematics, both in class and beyond, whilst encouraging and contributing to their cultural and personal development.

### Key Stage 5

	A*-A		A*-B		L3VA	
	2022	2023	2022	2023	2022	2023
<b>Mathematics</b>	33%	30%	53%	53%	N/A	N/A
<b>Further Maths</b>	80%	83%	100%	100%	N/A	N/A

### Key Stage 4

	9-7		9-4		Progress 8	
	2022	2023	2022	2023	2022	2023
<b>Mathematics</b>	41%	28%	92%	87%	+0.59	+0.33