

THOMAS MILLS HIGH SCHOOL



Mathematics Department

Information for Applicants

September 2024

THE MATHEMATICS DEPARTMENT

AT THOMAS MILLS HIGH SCHOOL

Maths Department Overview

At Thomas Mills, our Maths Department is a dynamic and supportive team dedicated to fostering a deep understanding and appreciation of mathematics among our students. Our goal is to inspire a passion for the subject through innovative teaching practices, engaging classwork, and a commitment to academic excellence.

Team and Culture

Our department is comprised of enthusiastic and experienced teachers who are committed to professional development and collaboration. We work closely together to share resources, strategies, and insights, creating a collegial environment where every member is encouraged to contribute ideas and grow in their practice. Our culture values creativity, adaptability, and a student-centred approach, ensuring that each lesson is tailored to meet the diverse needs of our learners.

Curriculum and Teaching

We offer a comprehensive and challenging curriculum that spans from Key Stage 3 through to A Level. Our teaching approach is grounded in the latest pedagogical research and technology integration, aiming to make mathematics both accessible and stimulating. We provide a range of extracurricular opportunities, including math clubs, competitions, and workshops, to enrich the student experience and support those with a particular interest in the subject.

Facilities and Resources

Our department is well-equipped with modern classrooms, projectors, and a variety of tools to enhance teaching and learning. We continually invest in up-to-date resources and materials to ensure that our students have access to the best possible support.

Student Engagement and Achievement

We pride ourselves on creating an inclusive and encouraging environment where all students can achieve their full potential. We track progress closely, offer targeted interventions, and celebrate successes, fostering a positive atmosphere that motivates and supports learners at all levels.

If you are passionate about teaching mathematics and eager to contribute to a thriving department, we invite you to join us in shaping the future of our students through the power of maths.

EXAMINATION RESULTS – 2022 - 2024

Year 11 Results

Grade	2022		2023		2024	
	No. of Pupils	% Pupils	No. of Pupils	% Pupils	No. of Pupils	% Pupils
7+	22	13.02	27	13	28	17
5+	92	54.44	96	48	85	51
4+	138	81.66	147	74	130	78
1+	169	100	199	100	163	98

Sixth Form Results

Grade	2022		2023		2024	
	No. of Students	% students	No. of Students	% students	No. of Students	% of students
A* - B	16	84	10	59	12	67
A* - C	17	89	12	71	12	67
A* - E	19	100	17	100	16	89

CURRICULUM

Key Stage 3 : Pupils are set by ability within a few weeks, following primary school visits, Key Stage 2 results and internal testing. At Key Stage 3 all pupils receive four 50 minute periods of Maths per week. Pupils will complete Key Stage 3 by the end of Year 8.

Key Stage 4 : Pupils are set by ability based on the Key Stage 3 exams and topic tests. At Key Stage 4 year 9 pupils receive five 50-minute periods of Maths per week, with years 10 and 11 receiving four. Pupils all follow the AQA GCSE course, and the textbooks used are specific to the course.

A Level : Sixth Form students follow the AQA syllabus, and the textbooks used are specific to the course. Maths is one of the most popular subjects in terms of numbers at A Level. Our more able mathematicians also have the opportunity to take Further Maths.