



Malmesbury School

MATHEMATICS FACULTY

The faculty is strongly committed to providing a high quality education whereby students across the full ability range can experience pleasure and success in the study of mathematics. At present the faculty consists of 14 staff, 6 of whom are part time and a shared faculty assistant. We also work closely with the computing department. The faculty members are friendly and supportive of each other and work very well as a team.

There is a suite of eight teaching rooms with one well-resourced faculty office at the centre. All maths rooms have interactive whiteboards and web cameras to use as visualizers along with a well-stocked equipment tray. We are committed to the use of ICT for personal planning, faculty records and delivering the concepts of mathematics.

Over the last year we have completely rewritten some of our schemes of work at KS3 and KS4 to take into account the national changes. The schemes are produced in electronic format with links to web sites and resources. Although there are TLR holders leading each key stage, all staff may be called upon to support implementing the current curriculum changes such as writing assessments or creating DIRT tasks.

All classes are set by ability in each half year; year 7 is set from October half term. Students are assessed after every unit of work and setting is reviewed at Christmas, Easter and summer. There is a rigorous assessment cycle and time is given to direct improvement and reflection. Students are taught independent study skills through the use of mind mapping and we subscribe to several websites to support home learning.

Key Stage 3 classes have 7 hours of mathematics per fortnight and there are 8 hours per fortnight in Key Stage 4. We currently follow the Edexcel specification for GCSE but with the current changes no decision has yet been made for next year. We also offer OCR Additional maths (level 3) to our top set mathematicians and the Edexcel Award in number and measure to some lower ability y9 students to support their numeracy skills. We have a large take up for A level (Edexcel) with approximately 40 students in Year 13 and 60 in Year 12. We also run Further Maths groups in both years 12 and 13.

There is an extensive mathematical enrichment programme laid on for students both in and out of school which staff enjoy getting involved with. Events such as careers days, primary challenges, STEM events, inspirational speakers and online competitions regularly take place.

Exam results are excellent at all key stages. Last year 87% of A2 Mathematicians achieved A*-C and 82% achieved A*-C at GCSE in 2015.

We are looking for an ambitious practitioner who is committed to excellence and is keen to use ICT in their planning. You need to be flexible and motivated by challenge. A desire to contribute to the extended curriculum for example through our lunchtime drop in sessions to support students is essential. In return you will find us a very supportive and warm team, packed with a range of experiences and teaching styles but also receptive to new ideas.

Emma-Jane O'Neill, Senior Curriculum Leader - Mathematics
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