



“Mathematics, rightly viewed, possesses not only truth but supreme beauty”.

Bertrand Russell



Throughout Key Stage 3, (Years 7 – 9), there are either 3 or 4 sets in each side of the year for Mathematics. Students are set immediately upon entry in Mathematics at Tavistock College. Students are set based on information from their Key Stage 2 setting to get the most accurate sets, but we also perform our own baseline assessment to inform this initial setting.

The aim throughout Key Stage 3 is to provide the students with a confidence and an enjoyment of mathematics which will prepare them for their GCSE in Key Stage 4. Pupils are closely monitored to ensure they are on track for the required levels of progress from KS2 to the end of KS4.

Our schemes of work reflect the updated curriculum frameworks from the government, increasing the functionality in the programmes of study and allowing our students more opportunities to engage and apply their mathematics in the real world. Students will cover a range of topics and work as outlined in the National Framework covering the six key elements: Number, Algebra, Ratio Geometry & Measure, Probability & Statistics

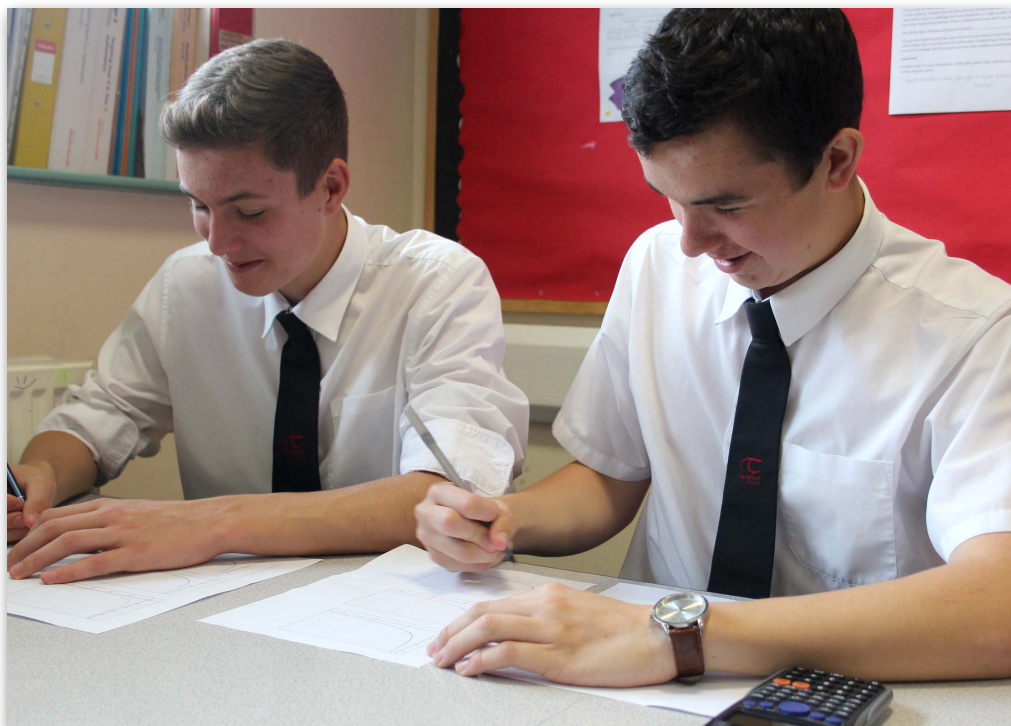
MATHS



Together: we care, we challenge, we excel.

“Mathematics is not about numbers, equations, computations, or algorithms: it is about UNDERSTANDING.”

William Paul Thurston



Students in KS4 will study toward a GCSE in Mathematics. GCSE Mathematics is split into 2 tiers, Higher and Foundation. Students will study for the tier that is most suited to their ability and that offers them the greatest opportunity to gain a good pass.

Students follow the 2015 GCSE maths specification and will be awarded grades 1-9 (9 being the highest)

A 'good' pass is recognised as being a grade 5 or higher under the new specification and replaces the grade C from the previous specification

Our schemes of work reflect the updated curriculum frameworks from the government, increasing the functionality in the programmes of study and allowing our students to develop their independence and apply their Mathematics in the real world. As with KS3 the specification is broken down into key elements: Number, Algebra, Ratio Geometry & Measure, Probability & Statistics.

Throughout KS4 students will be assessed in class by their teachers and through the use of practice exams.

EXAMINATION

Under the new specification students will sit 3 exams, 1 non calculator paper and 2 calculator papers.

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