



Newton Abbot College

Imagine what's possible ...

MATHEMATICS DEPARTMENT

We are a team of teachers who teach mathematics because it is interesting and fun. Our aim is to help students to enjoy and master mathematics. To achieve this, we make sure that lessons include clear explanations as well as opportunities for collaboration, discussion and practice. We also look for ways to help students to build links between topics and learn how mathematics is applied in other fields of study.

We work hard, often before and after College to help our older students achieve exam results that they can be proud of and can use to further their future careers.

The Team

There are eight of us in the team, we all teach across the ability and age range of the 11-16 part of the College and most of us are also involved in teaching A Level Mathematics.

We meet regularly and spend our time on activities that improve the quality of teaching and learning. Teaching ideas are shared and we often do some mathematics together. Our programme of study is based on the mastery approach and we are working on getting the most out of it. We all contribute to department meetings and take on responsibilities that contribute to curriculum and staff development.

Resources and Teaching Rooms

The Department has seven teaching rooms. They are all fitted with digital projectors, visualisers and interactive whiteboards. We have a wide range of virtual and real resources and are always on the lookout for new ways to help our students to improve their understanding and enjoyment of Mathematics.

Timetable and Curriculum

All students have seven hours of mathematics every two weeks and are set in half-year groups as soon as they enter the College. We have experimented with a variety of approaches to setting, currently our groups are mostly mixed ability although we do set our weakest students.

Our resources and schemes of work are stored electronically on a 'wiki' website. This is updated regularly by team members and is used for communication and planning.

We currently use the OCR specification for GCSE and the Edexcel specification for A Level. At Key Stage 5 we offer A level Mathematics as well as supporting students who wish to re-sit their GCSE Mathematics.

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