



Midhurst Rother College

The best in everyone™

A member of United Learning Trust

Mathematics

Exam Board: AQA

Contact Teacher: Mr J Wilburn

Why study Mathematics?

Without mathematicians, modern society would not exist; imagine a world with no science, no engineering, no medicine and no architecture. The image of mathematics has changed dramatically with modern TV shows such as Top Gear, Myth Busters and Brainiac.

The ongoing theme is that mathematics is all about solving real problems and mysteries. So if you want to use your mind to solve the biggest mysteries we have, then studying mathematics is probably a wise choice. This course complements other subjects such as Science.

Course details

AS level

Core 1

Core 2

Statistics

This course has two compulsory 'pure' units; Core 1 and Core 2. In these units you will continue to develop branches of the subject such as algebra, geometry and trigonometry. You will build on skills which you already have and you will develop further skills for solving interesting and important problems of a more realistic kind than are possible at GCSE level.

A2 level

The course has two more compulsory 'pure' units; Core 3 and Core 4 and one more applied unit:

Core 3

Core 4

Mechanics

How is the course taught and assessed?

Classes are varied, comprising investigations, class discussions and considerable use of appropriate ICT resources. The course textbooks are 'user friendly' and exercises often arise from, or at least relate to everyday life. Appropriate use is made of modern technology such as graphical calculators and ICT resources. Practical work and experiments are also carried out. Review sheets and a revision book provide help and consolidation throughout the course.