



GORDON'S SCHOOL

MATHEMATICS DEPARTMENT

Introduction

The Mathematics Department consists of 5 full-time and 3 part-time teachers. Mathematics is a very popular subject with many students opting for post-16 study. All Mathematics lessons are taught in classrooms with interactive whiteboards.

GCSE/A Level Courses – Board/Syllabus etc

At both GCSE and A level, students follow the Edexcel Specifications.

At GCSE, the vast majority of our students will take the new Higher Tier examination. At AS level, our students currently study the following units: Core 1, Core 2 and Mechanics 1. At A2 Level, our students study the following units: Core 3, Core 4 and Statistics 1. Gordon's School Mathematics Department also offers Further Mathematics. In addition to the main A Level units, students also study Decision Maths 1, Mechanics 2, Statistics 2 and Further Pure 1, 2 and 3. Those students who are looking to go on to study Mathematics at degree level are also offered additional support outside of lessons to prepare for the STEP papers, which are required by some universities as part of their offer.

Exam results 2016

Examination Results in the Mathematics Department have been consistently high for a number of years.

In 2016, at GCSE, 96% of our pupils achieved a grade A* to C, with 42% achieving either an A or A*. In addition to this, 94% of students achieved Expected Progress from KS2 to KS4.

At A Level Mathematics, we achieved a 100% pass rate, with 72% of our students achieving an A or A*. At A Level Further Mathematics, we again achieved a 100% pass rate, with 88% of our students achieving an A or A*.

Extra-curricular activities

Each year, a variety of Mathematics based events take place. Our most able students are entered into the UK Mathematical Challenges at Junior, Intermediate and Senior level. We also enter a number of team events throughout the year. These include the UK Team Mathematics Challenge (Years 8 and 9), the local Surrey Heath Inter-Schools Mathematics Competition (Years 7, 8 and 9), the Team Competition organised by the Further Mathematics Support Programme (Year 10), the UK Senior Team Challenge (Years 12 and 13) and the local AS Mathematics Challenge at Surrey University (Year 12). A small group of Year 8 and 9 students also attends the Numeracy Day at one of the local racecourses. This year the event was held at Windsor Racecourse.