**GORDON'S SCHOOL**

**MATHEMATICS DEPARTMENT**

**Introduction**

The Mathematics Department consists of 6 full-time and 2 part-time teachers. Mathematics is a very popular subject with many students opting for post-16 study. All Mathematics lessons are taught in purpose built, modern 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 majority of our students will take the new Higher Tier examination. At AS and A level our students are studying the new specification, which includes units in Pure Mathematics, Statistics and Mechanics.

Gordon's School Mathematics Department also offers Further Mathematics at A-Level, allowing highly capable students to study additional units in Pure Mathematics, Mechanics and Decision Maths. Those students who are looking to go on to study Mathematics at degree level are 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 2019**

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

In 2019, at GCSE, 92% of our pupils achieved a grade 9 to 4, with 39% achieving a 7, 8 or 9.

At A Level Mathematics, we achieved a 100% pass rate, with 59% of our students achieving an A or A*. At A Level Further Mathematics, 83% of our students achieved an A or A*.

**Extra-curricular activities**

Key Stage 3 students are encouraged to do the Weekly Maths Problem, which promotes mathematical curiosity and problem-solving skills. 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 UK Senior Team Challenge (Years 12 and 13) and the local AS Mathematics Challenge at Surrey University (Year 12).