

## MATHEMATICS DEPARTMENT

The Mathematics Department is staffed by 9 specialist Mathematics teachers, as well as 3 dedicated members of support staff. It has its own suite of rooms, all of which are equipped with Promethean Interactive Whiteboards, as well as its own ICT room. Mathematics is taught to all students in Key Stages 3 for 6, one hour lessons per fortnight. To accommodate new GCSE's students in Key Stage 4 will have 7, one hour lessons per fortnight from 2017-18.

In years 7 and 8 we build on the work done in primary schools, developing an understanding of mathematical concepts and processes. Through the use of problem solving strategies we build students resilience, reasoning and resourcefulness.

In years 9, 10 and 11, students follow the new AQA GCSE specification using AQA's own series of textbooks and are taught in Mathematics sets. The Department is justifiably proud of its GCSE results; in 2016, 75% of all Year 11 students gained GCSE at grades A\*-C in Mathematics. The curriculum in Key Stages 3 and 4 has been reviewed and updated to reflect changes to GCSE's nationally.

At Wellington School, A2 students use the OCR specification, with modules in Statistics & Probability and Mechanics, in addition to Core 1 to Core 4. In recent years the overwhelming majority of students have been successful at A2, with increasing numbers passing at grades A\*-B.

Much of the credit for our students' successes in external examinations can be attributed to the quality of teaching and learning, as well as the additional support staff provide. A large number of students attend lessons, after school and during the Easter holidays. Members of staff routinely give of their time to support students at all stages of their mathematical development, especially as they prepare for external examinations.

The department is also involved in providing 'booster' lessons for feeder primary schools. Members of staff are keen to promote Mathematics, and are widely involved in a variety of extra-curricular activities. Each year students participate in the Leeds University Mathematics Challenge. Others take part in clubs (including our Origami and Puzzle clubs) and the department has promoted cross curricular numeracy activities. The department is fortunate to have the services of a dedicated Teaching Assistant who has taken part in intervention work at KS3 (with Sixth Form mentors) and given extra support to Year 11 students preparing for GCSE examinations.

The Governors seek to appoint an excellent classroom practitioner with the energy, drive and enthusiasm to continue to build upon and develop standards of achievement within Mathematics.