

## Mathematics Faculty

The Vision of the Mathematics Faculty is that only the best is good enough for our students and we ensure that this is achieved through the consistent and collaborative teaching and planning across the department.

The Faculty consists of 8 full time Mathematicians. All teachers have at least 3 years' experience. We have built a reputation for being the subject that most students love to come to. The relationships between the pupils and the staff are excellent.

We currently have a suite of 7 classrooms used for Mathematics teaching, each one equipped with a smart board.

We teach all students from Key Stage 3 to Key Stage 5:

Key Stage 3: Years 7, 8 and 9

Currently we teach seven lessons a fortnight at Key Stage 3. We follow a Mastery scheme of work in Year 7 and 8, and a bespoke bridging scheme of work in Year 9. Students are set according to their KS2 data on entry to Year 7, with setting regularly reviewed. All students are taught the same skills and depending on their ability cover the concepts at different depths. Sets sizes range from 10 to 32 pupils, with the lower ability sets having smaller class sizes.

Key Stage 4: Years 10 and 11

Year 10 and 11 follow the AQA scheme of work. Students are set on ability and follow the Foundation or Higher tier GCSE course. Class sizes range from 10-32 pupils, with the lower ability classes having smaller class sizes. Some of our more able students complete the Certificate in Further Maths (AQA) as an additional GCSE in Year 11.

Key Stage 5: Years 12 and 13

Mathematics is a popular choice for A-Level. In Year 12 and 13 we follow the AQA specification with all pupils studying Pure, Mechanics and Statistics. We also have some students taking AS Further Maths where they focus on Further Pure, Further Mechanics and Discrete Maths.

Rachel O'Hara

Head of Mathematics Faculty