

OVERVIEW

The Mathematics Faculty works very much as a team led by the Head of Faculty, a second in faculty (Key Stage 3), and a second in faculty (Key Stage 4). The faculty leaders work very closely with all colleagues in a supporting manner, moving forward with common aims. We are committed to raising achievement at all levels, encouraging investigation, oral, practical and project work through the sharing of ideas. The faculty is high achieving and has made significant improvements in recent years resulting in excellent GCSE and A level results. **Recent results puts the faculty in the top 10% for added value nationally.** Uptake of A-level maths is high.

STAFFING AND RESOURCES

The faculty currently consists of 9 members of teaching staff. Where possible all members of the faculty teach across the full ability and age range. We have a suite of rooms, a staff base and a resource room. All staff currently have their own teaching bases. The faculty has excellent ICT facilities with two dedicated maths ICT suites, each comprising 15 computers. All classrooms are fitted with a data projector, several of which also have interactive technology. Each member of the faculty is provided with a laptop.

The faculty has access to a wide range of software including Autograph, Geogebra, Living Worksheets and Mathswatch. The Maths faculty has the use of a number of websites such as MyMaths and the extensive A-level MEI website.

TEACHING GROUPS

Years 7 to 11 students are set according to ability in either half year groups or across the whole year group.

In the sixth form next year there are likely to be two Year 12 Maths groups, two Year 13 Maths groups and two Further Maths groups.

THE COURSES

All schemes of work have been designed and developed by the entire faculty. They are evaluated on a rolling programme. We have developed a 5 year (7-11) scheme of work based around the Kangaroo maths programme. Our schemes are well-resourced with in-house materials, text-books and software.

For A-level students we offer a range of modules including Mechanics, Statistics, Decision and Pure Mathematics through the OCR MEI A Level. Modules are chosen to meet students' individual needs leading to certification at Maths A-level, and Further Maths A-level. The success and accessibility of this course has made it a popular choice for students.

EXTRA-CURRICULAR ACTIVITIES

Members of the faculty offer a weekly after-school maths support session for 6th form throughout the year and weekly revision sessions are provided for Y11 from mid-January until the GCSE exam.

Maths staff are also involved in running a range of lunchtime clubs including Chess, Darts, Card Games and Emulate.