



## Mathematics Faculty

**Talbot Heath**

*Independent School for Girls aged 3-18*

HONOUR BEFORE HONOURS

The Mathematics Faculty aims to provide a full, interesting and stimulating course for all girls throughout the main school and for those in the Sixth Form who choose to study Mathematics.

There are 4 dedicated Mathematics teaching rooms, along with an office where centralised resources are kept. The Faculty currently consists of 3 full time and 2 part time staff including the Head of Faculty. This is a hardworking, friendly faculty, which owes its success to close co-operation and excellent teamwork.

Our approach to teaching Mathematics is, as expected by parents, mainly traditional but is constantly kept under review, to ensure the subject is interesting and relevant, and to achieve excellent results at GCSE and Advanced Level. We concentrate on the basics in the early years, building confidence and an enjoyment in the subject throughout the school. All lessons are conducted at a good pace, and our expectations are high.

The School follows a two week timetable, with six 50 minute lessons a day. For years 7 and 8, the pupils have 7 lessons a fortnight. In year 9, they have 8 lessons, and in years 10 they have 9 lessons a fortnight, with 8 lessons in year 11 (from Sept. 2016). In years 12 and 13, AS/A level pupils have 11 lessons a fortnight, with the Further Mathematics pupils also currently having an additional 11 lessons.

In Upper 3 (year 7), calculators are not allowed, the emphasis being on the basics to ensure a sound foundation on which to build. Throughout the school, pupils are divisioned according to ability, so that all pupils can be successful. They develop their number, algebra, shape and space, and data handling skills, as they progress through the school, culminating in entry at the Higher level, following the new EDEXCEL GCSE course.

Mathematics is a very popular choice in the sixth form, with usually in excess of 50% of the cohort studying the subject. Further Maths is also chosen by a small group of pupils. At AS, A level and Further Maths the OCR syllabus A is currently followed.



In addition, we enter pupils for the National Mathematics Challenges in years 8, 10, 11 and Sixth Form, as well as having the "World of Maths" bring their mathematical challenges for years 7 and 8 biennially.

We are seeking to appoint a teacher who is committed to enabling her / his pupils to achieve the highest possible standard, and who is keen to work as part of our team.