



Mathematics Department Information

The Mathematics Department currently consists of 10 members of staff: 9 fulltime, including one of the Deputy Heads, and 1 part-time. All are experienced teachers who between them teach Mathematics at all levels from Year 6 [Preparatory Form] up to and including Year 13 [Upper Sixth].

The Department has an outstanding record of academic success in recent years, achieving an average of 63.5% grades 8 or 9 at IGCSE [Edexcel] over 2018 and 2019 and 57.8% A* or A grades at A-level [Edexcel] over the 3 years up to 2019. Mathematics is one of the most popular options in the Sixth Form with around 65% of the students studying the subject in some form.

In the Lower School, Year 7 is taught in mixed ability form groups to allow pupils from the many different feeder schools to all experience the same mathematical background. From Year 8, pupils are then taught in 6 (or 7) ability sets. In Years 10 and 11, all pupils aim for Higher Level at IGCSE, although the possibility for a few to do Foundation Level does exist.

Able pupils are extended by entering the UKMT Mathematics Challenges at all levels and by entering the Team Mathematics Challenges, as well as by attempting problems from the "Problem of the Week" series issued by the University of Waterloo. The majority of the top two sets in Year 11 also take the AQA Level 2 Certificate in Further Mathematics with more than 63% obtaining A* or A** grades in the years 2017-2019. Pupils who find the subject challenging are supported within the normal lesson structure by the occasional allocation of an additional member of the Department for some lessons during the week to particular groups, and by using willing Sixth Form students as classroom helpers.

In the Sixth Form, Mathematics students follow the Edexcel A-level. There are usually between four and six groups of Single Mathematicians, each containing around 10 students. There is also one group, or occasionally two groups, of students taking Further Mathematics each year and there may be the opportunity for a suitably qualified candidate to join the team teaching Further Mathematics in the future.



Leicester Grammar School Trust

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