

## Outreach activities

The School of Mathematics works closely with school and college students, teachers and careers advisors to encourage the pursuit of Mathematics in higher education. We also offer advice on the admissions process to our degrees and studying at the University of Birmingham. We work to support young people and their teachers to enable progression to university and to fulfil their full potential. To this end, the School of Mathematics and the University of Birmingham, organise a range of outreach activities that involve campus tours, school visits and an annual Teachers Conference.

For more information or details of any of the events below please contact the [outreach officer \(/schools/mathematics/outreach/outreach-contact.aspx\)](/schools/mathematics/outreach/outreach-contact.aspx).

The School of Mathematics also hosts the regional office of the [Further Maths Support Programme \(http://www.furthermaths.org.uk\)](http://www.furthermaths.org.uk) which often holds events for teachers and pupils at the University of Birmingham.

## Masterclasses

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Masterclasses are designed to enhance and extend students understanding of a chosen topic of mathematics. The School of Mathematics, in conjunction with the University of Birmingham [Subject Enrichment Programme \(undergraduate/advice/west-midlands-schools/Masterclasses.aspx\)](http://www.furthermaths.org.uk/undergraduate/advice/west-midlands-schools/Masterclasses.aspx), runs a series of masterclasses for Year 10, 11 and 12 pupils.

## School Visits

We are happy to organise for groups of school students to visit the University of Birmingham and the School of Mathematics. Visits must be arranged in advance, so that a suitable programme can be arranged. A visit typically involves:

- talks about the University of Birmingham, the application process and careers that follow from a degree in mathematics
- a mathematical talk – designed to encourage and stimulate a student's interest in mathematics
- a tour of the campus and opportunities to meet current students
- a question and answer session

## Birmingham Maths Big Quiz

The Maths Big Quiz is aimed at pupils in Year 10. Each school can bring a maximum of 12 contestants in teams of 4. The object of the day is to make maths fun, collaborative, competitive and with a bit of challenge as well. Rounds in the quiz will focus on different areas of mathematics and there will be a specialist round, the topic of which, all participating schools will be informed about, before the event. There will be various prizes, medals for the first three teams and a trophy for the winning team. The day starts at 9.45am and should be over by 2.30pm. There will be an interactive maths lecture by a leading mathematician from the School of Mathematics during the lunch break.

The Maths Big Quiz 2014 was held on Tuesday, 11th March 2014. and attended by nearly 400 Year 10 pupils.

To enter next year's quiz contact Mr Mohammed Ansar: [m.ansar@bham.ac.uk \(mailto:m.ansar@bham.ac.uk\)](mailto:m.ansar@bham.ac.uk)

## Birmingham Popular Maths Lectures

The Birmingham Popular Maths Lectures are aimed at anyone with an interest in Maths, particularly those studying for A-level and above. There is no need to book just come along from 7.00pm for a 7.30pm Lecture start.

The 2014/15 series will start in September details of upcoming and past lectures can be found on the [Popular Maths Lecture page \(/schools/mathematics/news-and-events/birmingham-popular-maths-lecture.aspx\)](/schools/mathematics/news-and-events/birmingham-popular-maths-lecture.aspx).