



### When is the King's Factor?

Sessions take place weekly, from 17:00 - 19:00 on Mondays and Tuesdays, alternating weekly for groups of Year 12 and Year 13 students, so you attend one session per fortnight. You can attend either on Monday or Tuesday, whichever is most convenient.

### How can you get involved?

There are a small number of places available for upcoming sessions. Please email [kingsfactor@kcl.ac.uk](mailto:kingsfactor@kcl.ac.uk) giving your school name and year group.

### Where is the King's Factor?

Each week the club is held at the Strand Building, King's College London, Strand Campus, London WC2R 2LS. The Strand Campus is a short walk from the Temple (District & Circle Lines) or Charing Cross (Northern & Bakerloo).

### Voice of the student

*I would just like to say how thankful I am to you and those involved in the running of the King's Factor, as it has for the last 2 years been a great help to me and my friends. You gave us support, a structured environment, maths, food and chalkboards and helped us to get through our exams and into university.*

**2015 Year 13 King's Factor student**



Faculty of Natural & Mathematical Sciences

# The King's Factor

*A weekly mathematics club for sixth formers*

[www.kcl.ac.uk/nms/depts/mathematics/](http://www.kcl.ac.uk/nms/depts/mathematics/)

Find out more:

 [www.kcl.ac.uk/nms/depts/mathematics](http://www.kcl.ac.uk/nms/depts/mathematics)

 [/kingsnms/](https://www.facebook.com/kingsnms/)

 [@kingsnms](https://twitter.com/kingsnms)



**Voice of the teacher:**

*I'm so pleased you're continuing the King's Factor. Over the years I've known a range of G&T, enrichment, etc maths programmes and yours is definitely the most valuable. Such an essential aspect is getting the pupils into a university for the activities. It's all too easy for us to take for granted just how alien and unknown higher education is for most of our students. Being able to attend a class within King's is really significant!*

**Mathematics tutor, Christ the King 6<sup>th</sup> Form College**

The King's Factor is a widening participation initiative set up by the Department of Mathematics which supports students who enjoy mathematics and are studying A-Levels (or equivalent). It is a weekly maths club which gives students the opportunity to tackle challenging maths problems which enrich and develop mathematical thinking, as well as bringing together students and teachers from different schools and colleges who share an enthusiasm for mathematics.



# 1830

Mathematics has been studied at King's College London throughout its history and the first Professor of Mathematics was appointed in 1830.

# 8

We offer 8 single and joint honours courses: from pure mathematics to mathematics with physics, finance, statistics, philosophy and management.

*King's College London is home to the best mathematics education in the UK, with the King's Maths School and Department of Education & Professional Studies training the brightest young mathematicians and the most able teachers.*

The aim of **the King's Factor** is to offer the opportunity to offer students a space to try out challenging maths problems that require serious mathematical thinking, to develop problem-solving skills whilst helping them to achieve the grades to get into the university of their choice. It's also to make mathematics more interesting and enjoyable - the problems are designed to make one think, and are much more fun than simple past papers.

There will be academics and current students from King's College London at each session and King's Factor attendees will be able to ask them about applying to university, financial support and anything else to do with going to university. But don't worry, the King's Factor isn't just for students who are thinking of studying Maths at King's or any other university, it is for

anyone who is studying A-Level maths and enjoys solving challenging problems.

### What will you do?

- Experience life as an undergraduate student studying maths
- Work with students and teachers from other schools and colleges
- Tackle maths problems from a wide range of sources, including Sixth Term Examination Papers (STEP), AEA and Oxford Entrance Papers.

### What else is on offer?

*All of the King's Factor teaching resources are available to download on our website. We offer a range of other courses for school students, from termly physics and chemistry lectures to student hackathons and summer schools. King's College London Department of Widening Participation run a range of events and activities to support your university applications, such as King's Scholars and K+. For more information, please get in touch with [jess.wade@kcl.ac.uk](mailto:jess.wade@kcl.ac.uk).*