Schools & Colleges Guide: Our Opportunities for Learners, Teachers and Advisers
King's College London offers a comprehensive programme of activities for schools and colleges. We hope this guide will help teachers and advisers to become more aware of the different ways in which they can engage with the university and the type of support available. At King's we offer activities, all of which are free of charge, aimed at primary students, secondary students, care leavers, adult learners, students’ key influencers, teachers and career advisers.

Our work hopes to achieve several aims, depending on the audience for each activity. These include:

- Increasing awareness of higher education and King's through offering unbiased information, advice and guidance;
- Raising the aspirations of learners and encouraging talented students to make applications to highly competitive universities;
- Advising students and their teachers on how to make an application to King’s and other highly competitive universities;
- Making prospective students aware of what completing a degree at King’s entails and the support available to King's students;
- Offering academic enrichment and helping teachers go beyond the curriculum with their students.

We encourage you to use this guide as a starting point as we are keen to open up communication between our university and schools and colleges. If you have any enquiries or you would like further information please do not hesitate to contact us or visit our website. We hope to engage with as many students and teachers as possible and look forward to welcoming you to our community.
Widening participation

At King’s College London we’re committed to finding the brightest minds regardless of their background and supporting them in accessing higher education. The Widening Participation Department runs a variety of exciting schemes and programmes including our flagship K+ scheme for sixth form students in London and our Sutton Trust summer school for learners from across the UK. Our activities are targeted at state school students, students from less advantaged socio-economic backgrounds, students from low-participation neighbourhoods, mature learners, black and minority ethnic students, disabled students and care leavers.

Widening participation is one of King’s College London’s eight strategic priorities and each year we develop an agreement with the ‘Office for Fair Access’ that sets us clear benchmarks for our progress in supporting key groups.

At King’s we believe a diverse student body enriches the education that we offer and you can access more information about our work at: www.kcl.ac.uk/wp

Connect with the department on Twitter: @kclwp

Should you have any general enquiries about widening participation at King’s College London please email: outreach@kcl.ac.uk

Liaison programme

Our central Schools and Colleges Liaison programme works primarily with year 11 and 12 students and their teachers, advisers and parents from across the UK. We offer a range of opportunities for you and your students to come and visit King’s College London and we’re also delighted to visit schools and colleges, to attend HE and careers fairs and to deliver a variety of talks and workshops. To support this we offer a range of downloadable materials to use in class and provide continuing professional development training to school and college staff involved in supporting their students in progression into higher education.

In addition to our visit programme, we also provide information and advice on a range of higher education issues such as education and qualification reform, as well as provide comment on the higher education sector and its impact on universities such as King’s.

Stay up-to-date with news and comment from King’s and find out more about the activities and resources we offer by registering to receive our termly newsletter for teachers and careers advisers.

Find out more about our work and register your details at: www.kcl.ac.uk/schoolsliaison
**Future Scholars**

**Contact information:**
- www.education.gov.uk/futurescholarawards
- Anne-Marie Henderson
  anne-marie.henderson@kcl.ac.uk

**Who is it for?**
The scheme is available to all state funded schools with year 9 students in England. Up to five students from each school, together with a teacher, will be able to attend a specially designed event at a top university in the summer term. The Department for Education particularly wants to include those who have the potential to attend a top university, but may not consider doing so. This may be students without someone who has been to university in their family, those from lower income backgrounds, those entitled to the student premium, those in care, and those in other disadvantaged circumstances. However, it will still be up to schools to choose the Future Scholars.

**When is it?**
- One-day event in May 2015.

**What are the aims?**
The Future Scholar Awards aim to help schools raise the aspirations of their high achieving students. The Department for Education, in conjunction with Russell Group universities, is seeking to raise aspirations of those taking part to help them realise that a selective university could be within their grasp.

**What activities does it include?**
The visit to our campus includes tours by undergraduate students, academic taster sessions, motivational workshops and parallel teacher sessions.

Please note that expenses associated with the visits will be reimbursed by the Department for Education. This includes:
- teacher supply cover;
- reasonable travel costs;
- reasonable subsistence costs.

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**Iris Project: Inner London Latin project**

**Contact information:**
- www.kcl.ac.uk/artshums/depts/classics/about/collab/iris.aspx
- Will Wooton
  will.wootton@kcl.ac.uk

**Who is it for?**
It targets boroughs of inner London and schools with high numbers of disadvantaged children. The project works with students in years 5 and 6.

**When is it?**
- The project runs throughout the year.

**What are the aims?**
The project provides access to the subjects of Latin and Classics for hundreds of inner-city school children. It also enables undergraduate students to engage with local communities, gain experience and training in teaching, while also developing a range of other new skills.

**What activities does it include?**
Student teachers from the Department of Classics at King’s and UCL deliver a year-long course to years 5 and 6, introducing the language with activities and games as well as offering a taste of classical myths and culture through storytelling and drama.

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**Year 7–9 scholars**

King’s College London recognises the importance of engaging with younger year students to help them consider higher education. The Widening Participation Department is currently developing a school based and online programme focussing on London learners in years 7 to 9.

More details will be posted in due course at: www.kcl.ac.uk/wp
**Outreach for Medicine**

- **Medical activity days**
- **Student doctors in the classroom**
- **Ad-hoc school visits**

**Contact information:**

- www.kcl.ac.uk/lsm/study/outreach
- Laura Ingham
  - laura.ingham@kcl.ac.uk
  - outreachformedicine@kcl.ac.uk
  - 020 7848 6968 (or 6972)

**Who is it for?**

Students in years 7 to 11 in non-selective state schools in London and Kent are welcome to attend our events.

**When is it?**

- Medical activity days and student doctors in the classroom take place on specific dates during the academic year.
- Ad-hoc visits to schools can be arranged throughout the year by contacting us.

**What are the aims?**

To inspire and encourage students to consider a career in medicine or healthcare.

**What activities does it include?**

Outreach for Medicine works with over 500 non-selective state schools across London, Kent & Medway, reaching in excess of 5,000 students annually.

**Medical activity days**

Annually, there are 30 medical activity days held at Guy’s Campus. These days give learners the opportunity to take part in a range of interactive activities designed to enhance their scientific knowledge on topics like the heart, lungs and effects of diet on the body, as well as giving them the chance to learn a variety of clinical skills such as taking blood, suturing and CPR. The activities are led by Extended Medical Degree Programme student ambassadors who also provide advice and guidance to the school pupils.

**Student doctors in the classroom**

The student doctors in the classroom scheme places medical students from widening participation backgrounds into host schools for approximately four to six weeks to raise aspirations amongst pupils to study medicine or healthcare.

**Ad-hoc school visits**

Interactive workshops can be organised to take place within your school. These introduce students to the work of medical/healthcare professionals and encourage them to think about the skills they will need to have and gives ideas and advice on how to develop them.

We are also happy to contribute to other events organised in schools where possible subject to staff availability.
King's visits you

- Higher education and career fairs
- Talks and workshops
- UCAS reference writing

Making an application to King’s and other competitive universities (recommended for students in year 12; parents may also be interested). Students interested in applying to competitive courses and universities will get an insight into what makes a course competitive, what universities look for and how they can make themselves stand out amongst the thousands of applications that are received every year.

Writing an effective personal statement (recommended for students in year 12). This talk goes into greater depth about what students can do to craft the most effective personal statement possible. It includes practical advice on how students can get started on writing their first draft. This is also available in the form of a hands-on 90 minute workshop.

Studying in London, including student finance and budgeting (recommended for year 12 students and their parents). The prospect of studying in London, and the costs associated with living in the capital, can be a concern for some students and their parents. This session outlines what it’s really like to live and study in London, how it can benefit students’ future careers, what financial support is available and reveal why life as a student is the cheapest time to live in London.

Mock interviews for healthcare subjects (recommended for students in the last term of year 12 and the first term of year 13). Interviews for healthcare subjects such as Medicine, Dentistry, Nursing, Midwifery, Nutrition and Dietetics, are an essential part of the application process. This session allows students looking to apply for such subjects the opportunity to practice their interview skills in a supportive and non-judgemental environment, using real questions posed to previous King’s applicants.

Welcome to King’s (recommended for students in years 11 to 13). King’s offers over 140 degree programmes to over 25,000 students. This talk allows your students to discover the range of academic and extra-curricular activities available to them at King’s, as well as learn about our fascinating history, starting with our founders King George IV and the Duke of Wellington (then Prime Minister) and bringing us right up-to-date with our alumni and Nobel Prize for Physics winner Peter Higgs. They’ll also find out which fashion designer created our graduation gowns and our most popular society involving a broomstick.

UCAS reference writing (for teachers and careers advisers) We offer reference writing talks for both new and experienced teachers and careers advisers who are tasked with writing UCAS references. This talk is available to book alongside any student talk or workshop or on its own via Skype.

Explore King's

- UCAS reference writing
- Talks and workshops
- Higher education and career fairs

Contact information:
- www.kcl.ac.uk/schoolsliaison
- schools.liaison@kcl.ac.uk
- 020 7848 3044

Who is it for?
- High achieving students in years 11 and 12.

When is it?
- Explore King’s takes place over a course of a week in the autumn and spring terms with a choice of two sessions a day. Explore King’s at a time that fits in with your students’ timetables.

What are the aims?
- To allow schools and colleges to visit King’s with groups of their most able year 11 and 12 students, giving them the opportunity to experience life as an undergraduate in London for themselves.

What activities does it include?
- During the visit you and your students will:
  - Experience the range of different subjects available to study at university during our hands-on subject fair;
  - Get a behind the scenes tour of our campus;
  - Discover how to make a competitive application to universities like King’s.

What are the aims?
- To advise on a number of aspects of applying to a competitive university and the benefits of studying in London and at King’s College London.

When is it?
- Throughout the year.

What activities does it include?
- Talks and workshops for students in years 11 to 15
- University visits
- Higher education and careers fairs
- Mock interviews for healthcare subjects
- Writing an effective personal statement
- Studying in London, including student finance and budgeting
- Welcome to King’s
- UCAS reference writing
- Talks and workshops
- Higher education and career fairs

Contact information:
- www.kcl.ac.uk/schoolsliaison
- schools.liaison@kcl.ac.uk
- 020 7848 3044

Who is it for?
- Students in years 11 to 13 and their parents, carers, teachers and career advisers.

When is it?
- As soon as you have a date.

What are the aims?
- To allow schools and colleges to visit King’s with groups of their most able year 11 and 12 students, giving them the opportunity to experience life as an undergraduate in London for themselves.

What activities does it include?
- To advise on a number of aspects of applying to a competitive university and the benefits of studying in London and at King’s College London.

When is it?
- Throughout the year.

What are the aims?
- To advise on a number of aspects of applying to a competitive university and the benefits of studying in London and at King’s College London.

Who is it for?
- Students in years 11 to 13 and their parents, carers, teachers and career advisers.

When is it?
- As soon as you have a date.

What are the aims?
- To allow schools and colleges to visit King’s with groups of their most able year 11 and 12 students, giving them the opportunity to experience life as an undergraduate in London for themselves.
Christmas lectures

Who is it for?
Students in years 10 to 12.

When is it?
Early December.

What are the aims?
The Christmas Lectures showcase teaching and learning from across Mathematics, Informatics, Physics, Biomedical Engineering and Chemistry to school students interested in pursuing further study in these areas.

What activities does it include?
Previous lecture titles include:
- The physics of snow crystals;
- The travelling Santa problem: an algorithm is for life; not just for Christmas;
- How chemistry makes Christmas yummy.

Public talks

Who is it for?
Talks are open to the general public and to students in all years. A-level and GCSE students may benefit the most as topics are often in-depth.

When is it?
Events take place throughout the year. Many events are out of school hours.

What are the aims?
To engage members of the public with current research at King’s College London on a wide-range of topics.

What activities does it include?
The topics are ever-changing but some past talks include:
- The future of the EU;
- Translating evidence into practice in stroke care;
- Byzantine book production.

These events are a great way of extending your students’ subject knowledge beyond the curriculum and inspiring future independent learning.

Classics school talks

Who is it for?
Open to students in all years, not just KS4&5. Any school can request a talk; schools are asked to invite other local schools in order to maximise exposure.

When is it?
Talks are available all year round. Please contact us and we will try and accommodate your request.

What are the aims?
To introduce students to a university-style lecture in the subject of Classics and to enrich the content of school syllabuses.

What activities does it include?
Sample topics include:
- Where are the slaves in Latin literature?
- Death rituals and the dead in Roman London
- Can a Roman die like Socrates?

Greek play

Who is it for?
The event is open to all of the general public and students in all years.

When is it?
This year’s play will be at the Greenwood Theatre between 11-13 February 2015.

What are the aims?
To enable students to become involved in all aspects of the theatre, both behind the scenes and as performers and to raise awareness of the Ancient Greek language.

What activities does it include?
An annual event dating back to 1953. Students can become cast members: this could be as musicians, dancers, singers or backstage, helping with stage management, costumes, make-up or many other roles. Alternatively it is a unique opportunity for students to view a play in Ancient Greek.
### Campus tours

**Who is it for?**
Prospective students and their parents and carers.

**When is it?**
Throughout the year.

**What activities does it include?**
We offer weekly campus tours on our three river-side campuses for students and their parents or carers. Our tours take place regularly throughout the year, and places must be reserved in advance to ensure a space. Dates are released on a termly basis and a full list can be found and booked through our website.

Each of our campus tours is led by a current student who will welcome you and deliver a brief introductory presentation on King’s College London’s history, its position as part of the Russell Group, our world-class teaching and research, and the great opportunities our Students’ Union offers outside of academic life.

Each tour is unique depending on the campus, and will highlight key buildings and facilities, both academic and extra-curricular. Our student ambassadors are happy to answer further questions about studying at King’s and living in London during each tour.

To attend an open day students need to register online.

### Undergraduate open days

**Who is it for?**
Prospective students and their parents and carers.

**When is it?**
King’s holds four undergraduate open days each year, two at Guy’s Campus for our Health Schools (June and July), and two at Strand Campus for Arts & Sciences (June and September).

**What activities does it include?**
An open day is a great chance to visit the campus and find out more about studying at King’s.

Attending a subject talk gives prospective students an insight into our degree programmes, including an overview of the subject and how it is taught at King’s. An open day also offers talks on other topics e.g. writing your personal statement and the application process.

As well as attending talks, visitors can drop into a subject hub. This is a chance to find out more about our courses, and ask any questions you have to staff and students. There will also be representatives from our student support teams to help you with things like student funding, accommodation, and study abroad. On the day, visitors will be offered the chance to take a tour of one of our student residences, guided by a current student.

To attend an open day students need to register online.

### UCAS conventions

**Who is it for?**
Students in year 12 and 13.

**When is it?**
Throughout the year.

**What activities does it include?**
Over 250,000 visitors attend 38 UCAS conventions across the UK; these exhibitions give students the opportunity to get in contact with higher education institutions and are usually their first step in researching different universities and programmes on offer. At these UCAS conventions organisations like student finance and housing services can advise on how they would apply for a student loan or accommodation.

UCAS also offers different workshops for students to attend. These range from institution-specific talks, to admissions processes and student life talks. These sessions are delivered by either the institutions themselves or UCAS.

Students can use UCAS conventions as an opportunity to speak to a member of staff from King’s about the different programmes we have on offer.

### University of London taster days

**Who is it for?**
Students in year 12.

**When is it?**
Throughout the year, but most take place between February and July.

**What are the aims?**
To offer an insight into study at university and an opportunity to meet current undergraduate students. Students are able to experience a course of their interest.

**What activities does it include?**
These are short courses organised by various universities in London. The courses cover a range of subjects within Arts and Humanities, Business and Computing, Engineering, Language and Culture, Medicine and Medical-related courses, Sciences and Social Sciences.
**Scheme/initiative:**

**K+**

**Contact information:**
- www.kcl.ac.uk/study/ug/wp/Our-Activities/KPlus
  View our video: vimeo.com/105538254
- Francesca Slattery
  kplus@kcl.ac.uk
  020 7848 3043 (or 4132)

**Who is it for?**
Students in year 12 studying in a non-selective state school or college in a Greater London borough.

Students who are eligible to apply:
- have achieved at least eight A*-C grades at GCSE or equivalent, including English and Maths, with a minimum of five A or A* grades;
- do not have parent(s) or carer(s) who have studied at university in the UK or abroad.

We are particularly interested in receiving applications from students who:
- Live or have lived in local authority care;
- Are a young carer;
- Are disabled;
- Are boys (who are currently under-represented on the programme).

Visit the K+ website for more information on the shortlisting criteria.

**When is it?**

K+ is a two-year programme. In year 12 events are monthly with a break in April and May for exams; students will need to be released from school or college to participate. In year 13 the timetable is reduced, with all activities being held in the evenings or during school holidays.

**What are the aims?**
The ethos of K+ is ‘discover yourself, distinguish yourself’ and it aims to equip post-16 students, from under-represented groups, with the knowledge, confidence and skills to transition successfully to university.

**K+ is fun, challenging and will give students the opportunity to experience a wide range of useful and interesting activities.**

Students are asked to enrol on one of seven subject streams. By enrolling on a stream, students will take part in a programme of events and activities that are tailored to their particular subject area of interest.

The scheme includes:
- A current King’s student as an e-mentor;
- Academic taster sessions and master classes;
- Cultural trips and experiences;
- Careers advice and work experience opportunities;
- Support and guidance on applying to and preparing for university;
- Supervision from a PhD tutor to produce an academic project;
- A summer school;
- Lots more!

K+ students that complete the scheme will be eligible for extra consideration should they make an application to study at King’s College London.

K+ students who successfully enrol on an undergraduate course at King’s will also receive our K+ Start Up Scholarship of between £500-£1000.

**Examples of under-represented groups in higher education**
- State school students;
- No parental history of higher education;
- Care leavers;
- Disabled students;
- Students from black and minority ethnic backgrounds;
- Students from less advantaged socio-economic backgrounds;
- Low-participation neighbourhoods;
- Students who receive free school meals.

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**Scheme/initiative:**

**Sutton Trust summer school**

**Contact information:**
- www.kcl.ac.uk/study/ug/wp/Our-Activities/Sutton-Trust-Summer-School
  View our video: vimeo.com/70488912
- suttontrust@kcl.ac.uk
  020 7848 4132

**Who is it for?**
Students in year 12 from under-represented groups in higher education in UK state schools.

**When is it?**

The Sutton Trust summer school is a five-day residential programme, which takes place in the school holidays.

**What are the aims?**
The aim is to demystify elite universities and to equip students, most of whom will be the first in their families to go on to higher education, with the knowledge and insight to make high quality applications to prestigious universities.

**What activities does it include?**
The Sutton Trust summer school gives students the opportunity to experience study and life at a world class university in central London. Students who attend can expect to gain a real insight into the day-to-day life of a student, be challenged academically and take advantage of the unique cultural experiences London has to offer.
Realising Opportunities

Contact information:
- www.kcl.ac.uk/study/ug/wp/Our-Activities/Realising-Opportunities.aspx or www.realisingopportunities.ac.uk
- Catherine Jackson
catherine.m.jackson@kcl.ac.uk
  020 7848 3899

Who is it for?
Students in year 12 from under-represented groups in higher education in Realising Opportunities target schools.

When is it?
Realising Opportunities events begin in January of the students’ first year on the programme (year 12) and run regularly until April of their second year (year 13).

What are the aims?
Realising Opportunities is a national collaborative partnership of 14 research-intensive universities working together to promote fair access and social mobility of students from under-represented groups.

What activities does it include?
The Realising Opportunities programme provides support for students through interventions designed to raise aspirations and enable them to demonstrate their potential for success at a research-intensive university. These interventions are offered both at their local participating university and nationally.

Realising Opportunities events cover topics such as academic writing and referencing, employability skills, personal statement and university application advice and student finance. The programme also includes a National Student Conference and each student is provided with ongoing support and encouragement by a student e-mentor who is an undergraduate student from one of the 14 universities.

Successful completion of RO, which includes a robust academic element, will result in additional consideration given to applications through UCAS from all of the partner universities and in many cases will result in an alternative offer worth up to two A-level grades or equivalent.

A taste of Pharmacy at King’s

Contact information:
- www.kcl.ac.uk/pharmacy
- communicationsunit@kcl.ac.uk
  020 7848 9169

Who is it for?
Students in year 12 studying Chemistry and at least one subject from the following: Maths, Biology and Physics.

When is it?
- Autumn Term.

What are the aims?
For students to find out more about the changing role of pharmacists, the exciting environments in which pharmacists can work – including hospitals, community pharmacies and the pharmaceutical industry – and the steps students need to take to become a registered pharmacist.

What activities does it include?
A taste of Pharmacy at King’s introduces students to life as an MPharm student: the university’s four-year clinical degree programme. Students will experience mini-lectures and interactive workshops from our experienced staff. Students will become a pharmacist for the day, using clinical information to identify and resolve real clinical issues. They will tackle problems of how to deliver drugs to patients, applying some of the leading scientific techniques developed by our staff.

Discover Chemistry

Contact information:
- nms-events@kcl.ac.uk

Who is it for?
Students in years 12 and 13

When is it?
- February

What are the aims?
To enthuse students and their teachers about Chemistry at King’s.

What activities does it include?
Participants will take place part in taster lectures, laboratory sessions and a tour of King’s facilities and campus.
**Dentistry lecture series**

**Contact information:**
- www.kcl.ac.uk/dentistry/study/dentistryoutreach/lecture-Series.aspx
- esdp@kcl.ac.uk

**Who is it for?**
Students in state schools interested in pursuing a career in Dentistry.

**When is it?**
Between September and March.

**What are the aims?**
Our aim is to encourage students from backgrounds which are under-represented in higher education and provide support and guidance throughout the application process.

**What activities does it include?**
The Dental Outreach team at King's hosts interactive workshops covering topics including dental school entry requirements, UCAS personal statements, UKCAT practice, communication skills and networking with current dental undergraduates.

All workshops are designed to help students prepare for dental school and are supported by current dental undergraduates.

**DentView**

**Contact information:**
- www.kcl.ac.uk/dentistry/study/dentistryoutreach/dentalview.aspx
- esdp@kcl.ac.uk

**Who is it for?**
Students in year 12 in non-selective state schools in London and Kent. There are up to 20 places which are targeted at those students who ordinarily might not have the opportunity to gain clinical work experience or attend similar events elsewhere.

**When is it?**
- Easter school holidays.

**What are the aims?**
To give students a taste of what it is like to both study and practise Dentistry and to assist students with their university applications.

**What activities does it include?**
An intensive three-day dental taster course: participants will take part in a number of interactive workshops, laboratory practicals, lectures and clinical skills sessions. Students will also go on a one-day clinical placement in local dental practices or hospitals.

**Outreach for Medicine**

**Med-View**

Students in the first year of A-level study are able to apply for Med-View, an annual taster course offering clinical observation placements, medical student shadowing, clinical skills and reflective workshops for 40 aspiring medical students. Many Med-View attendees are successful in gaining an interview for the Extended Medical Degree Programme (EMDP) or other allied healthcare courses at King’s, and several are now enrolled across the pre-clinical years of the EMDP.

**Medicine in action**

A series of lectures from clinicians in a variety of disciplines, which is intended to give potential medical students the opportunity to see where a degree in Medicine can lead and raise their aspirations to achieve.

**Med 101**

A series of sessions throughout the academic year which will prepare potential medical school applicants for the various stages of the application process. Sessions include an introduction to Medicine at King’s, UKCAT practice, personal statement development and the opportunity to meet with current medical students for a Q&A.

**In school visit**

Depending on the need of the school and the target year group, we can deliver talks, clinical skills workshops, attend careers fairs and much more.

**Contact information:**
- www.kcl.ac.uk/lsm/study/outreach/index.aspx
- Laura Ingham
  - laura.ingham@kcl.ac.uk
  - outreachformedicine@kcl.ac.uk
  - 0207 848 6968 (or 6972)
**The King's Factor**

**Contact information:**
- www.kcl.ac.uk/nms/depts/mathematics/about/KingsFactor/KingsFactor.aspx
- Angela Gould
  Angela.gould@kcl.ac.uk
  07922 468 275

**Who is it for?**
Students in years 12 and 13 in state schools studying A-level Mathematics or Further Mathematics.

**When is it?**
- Throughout the school year with sessions running three times a week.

**What are the aims?**
To increase students’ confidence and their ability to think mathematically: this should help both their A-level performance and their use of Mathematics in further study when they reach university.

**What activities does it include?**
The King’s Factor is a mathematics club for A-level mathematics students, with over 120 regular attendees. It offers students the opportunity to come to King’s College London and work together with pupils from other schools and colleges to tackle hard maths problems including questions from STEP, MAT and from Advanced Extension Award papers. King’s maths students give hints and advice where necessary to help students in tackling interesting and challenging maths questions.

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**Particle Physics masterclass**

**Contact information:**
- www.kcl.ac.uk/nms/depts/physics/about/outreach
- Malcolm Fairbairn
  malcolm.fairbairn@kcl.ac.uk

**Who is it for?**
Students in years 12 and 13 studying Physics.

**When is it?**
- Teachers should contact us well in advance to discuss possible dates.

**What are the aims?**
To give students experience in making conclusions from data and a familiarity with particle physics.

**What activities does it include?**
Students receive two talks about particle physics and then analyse data from collisions at the Large Hadron Collider. From knowledge learnt in the talks they should be able to identify the particles that are created: there is an opportunity for students to spot a Higgs boson event within the data with prizes for the students who come closest to identifying it.

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**Physics evening talks**

**Contact information:**
- www.kcl.ac.uk/nms/depts/physics/about/outreach
- Malcolm Fairbairn
  malcolm.fairbairn@kcl.ac.uk

**Who is it for?**
Students in years 12 and 13 studying Physics.

**When is it?**
- Term time, usually at least one before and one after Christmas.

**What are the aims?**
To expose students to the wider implications of Physics, in particular the work of King’s College London’s researchers.

**What activities does it include?**
The talks are based on research currently being performed by members of the Physics staff. They are specifically aimed at sixth formers to help inform their choice of degree course.

Previous topics have included:
- Dark matter;
- Love and quantum mechanics;
- Quantum matter;
- Imaging cells;
- The discovery of the Higgs boson at the Large Hadron Collider;
- Fluorescence;
- Biological imaging.

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**Daniell lecture**

**Contact information:**
- nms-events@kcl.ac.uk

**Who is it for?**
Students in years 12 and 13.

**When is it?**
- Autumn.

**What are the aims?**
To enthuse students and highlight King’s College London’s tradition of teaching Chemistry.

**What activities does it include?**
Our Daniell lectures are delivered by internationally renowned scientists and cover a topic of current interest and excitement. Speakers are chosen not only for their outstanding contribution to modern scientific knowledge, but also for their ability to communicate the essence of their research to a young audience.

In 2014, the Daniell lecture was given by Dame Carol Robson from the University of Oxford.
Scheme/initiative: Care leavers

Contact information:
- www.kcl.ac.uk/study/ug/wp/Care-Leavers
- Anne-Marie Henderson
  anne-marie.henderson@kcl.ac.uk
  020 7843 3948

Who is it for?
At King’s College London we recognise that any time spent in local authority care can have a significant impact on educational opportunities and outcomes, and therefore provide pre-entry and on-course support to young people who have spent any time in local authority care.

When is it?
- Activities are held throughout the year.

What are the aims?
King’s College London is committed to providing fair access and support for prospective students who have spent time in local authority care. We also work alongside other departments in the university including student finance and support services to ensure these learners are supported throughout their time at King’s.

What activities does it include?
- We host ‘introduction to university and King’s College London’ event days for learners who have been in care. These days include taster lectures, campus tours and presentations by student support services and current students who have been in care.
- We have also hosted and participated in the annual HELOA London University information day for young people in care in collaboration with other London-based universities.
- King’s College has been accredited the Care Leavers Buttle UK Quality Mark. The Buttle UK certification is a mark of excellence and is a celebration of the support and guidance provided by higher education institutions for these students.
- Care-experienced learners and supporting teachers can contact Anne-Marie Henderson in the Widening Participation Department for impartial information and extra support. All communication with Anne-Marie is completely confidential and will have no impact on applications to the College.

Scheme/initiative: Mature learners

Contact information:
- www.kcl.ac.uk/study/ug/wp/Mature-Students
- Catherine Jackson
  mature-learners@kcl.ac.uk
  020 7848 3899

Who is it for?
Prospective mature students. King’s College London defines a mature student as any person beginning their first undergraduate degree at the age of 21 or over.

When is it?
- Events take place at various times throughout the academic year.

What are the aims?
Our aim is to better support prospective mature applicants, providing them with advice and guidance with regard to their decision to return to learning and with the application process.

What activities does it include?
- We run information sessions throughout the year and we offer a session specifically for mature students at our Saturday open days.
<table>
<thead>
<tr>
<th>Scheme/initiative:</th>
<th>Project title</th>
<th>Project aims</th>
<th>Project frequency</th>
<th>Age of learners:</th>
</tr>
</thead>
<tbody>
<tr>
<td>KCLSU student–led outreach</td>
<td>Afghan Society</td>
<td>An introduction to university for Afghan students and parents</td>
<td>To inspire young people to apply for university. To raise the awareness of students and their parents and carers on the process of applying to university.</td>
<td>One-off event.</td>
</tr>
<tr>
<td></td>
<td>Anatomy Society</td>
<td>KCL Anatomy Widening Participation Project</td>
<td>To encourage students from groups currently under-represented in higher education in schools with below average A-level results to study a Health Science course. To give students the opportunity to enhance their university applications.</td>
<td>Two events in March</td>
</tr>
<tr>
<td></td>
<td>Bangladesh</td>
<td>Getting into Medical School</td>
<td>To aid with applications to medical schools.</td>
<td>Half-days throughout the year</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schools Outreach Programme</td>
<td>To introduce students from groups currently under-represented in higher education to university.</td>
<td>Half-days throughout the year</td>
</tr>
<tr>
<td></td>
<td>Feminist Society</td>
<td>KCL London Feminist Club</td>
<td>To dispel some of the myths surrounding the movement. To encourage pupils to set up their own feminist organisations.</td>
<td>Three events</td>
</tr>
<tr>
<td></td>
<td>History Outreach Programme</td>
<td>Maughn Library Days Mentoring</td>
<td>To raise the learners’ awareness of studying History in higher education.</td>
<td>Fortnightly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stitch Don’t Stab</td>
<td>To introduce students to various basic medical skills such as suturing and to give advice on applying to medical degrees and further professions.</td>
<td>Five events</td>
</tr>
<tr>
<td></td>
<td>KCL Surgical Society</td>
<td>Mission Medicine</td>
<td>To give students from disadvantaged backgrounds wanting to study Medicine the skills, information and confidence needed to be successful in their applications.</td>
<td>Term time</td>
</tr>
<tr>
<td></td>
<td>Pro bono</td>
<td>KCL Legal Mentoring Programme</td>
<td>To encourage A-level students to pursue a Law degree.</td>
<td>Fortnightly (twelve sessions in total)</td>
</tr>
<tr>
<td></td>
<td>Shine Mentoring</td>
<td>One-to-one mentoring (Southwark and Lambeth)</td>
<td>To encourage aspirations of higher education and enhance mentees’ learning and development through proactive support and provision of positive role models. To help students make the transition from primary to secondary school.</td>
<td>Weekly</td>
</tr>
<tr>
<td>Team Up</td>
<td>Rising Leaders Programme: tutoring/mentoring and student-development</td>
<td>To accelerate the students’ academic progress, through small group tuition, by one and a half times their expected attainment.</td>
<td>Every Monday, Tuesday and Saturday</td>
<td>13-18</td>
</tr>
</tbody>
</table>
Archives and Special Collections

Archives Services and the Foyle Special Collections Library together hold a unique, internationally significant and continually expanding range of archival and printed collections. Both sites can host visits and workshops for school and college students, providing a matchless opportunity for hands-on interaction with rare and unique items and a chance to develop research skills using primary source material.

Archives Services hold the College Archives and the Liddell Hart Centre for Military Archives. Areas of strength include, but are not limited to, late 19th and 20th century British military engagement and defence policy, including the Second Boer War, the First and Second World Wars and the Cold War; the history of science, technology, medicine and nursing; modern Greece; and the history of education.

The Foyle Special Collections Library holds over 180,000 rare printed and manuscript items, ranging in date from the 15th century to the present day. Areas of strength include, but are not limited to, war and international relations, British imperial and colonial history, the Spanish and Portuguese-speaking worlds, 20th century Germany, exploration and travel and the history of science and medicine.

Archives and Special Collections staff welcome enquiries from teachers and are happy to discuss ideas or requirements for sessions with them. Please note that the maximum group size for visits to Archives Services is 24 and for visits to the Foyle Special Collections Library it is 15.

Find out more:
www.kcl.ac.uk/library/collections/archivespec
archives@kcl.ac.uk
specialcollections@kcl.ac.uk

Science Gallery London

Science Gallery London is set to open on the Guy’s Campus in 2016. An innovative space focused on 15 to 25 year olds, where science and art collide and where audience engagement fuels creativity and discovery.

It will engage over 250,000 visitors per year in cutting edge research in science, the arts and design, bringing together researchers, students, local communities and artists in new ways to stimulate fresh thinking.

The first Science Gallery was established at Trinity College Dublin in 2008. Unlike other cultural venues, it has no permanent collection but a changing programme of content reflecting big social issues, with installations and events crowd-sourced through an open call process.

Science Gallery London will generate and host dynamic exhibitions, events, performances, experiments, immersive experiences, online activities, debates and festivals bringing science and the arts together in an unprecedented way to inspire new approaches to big issues.

In Dublin, for example, a simulated epidemic in the Gallery, which saw visitors given special lanyards that could transmit digital infections, led to a new approach to mapping potential infection pathways in hospitals and the development of a new hand-washing technology.

In the countdown to the opening of Science Gallery London, King’s is running some experimental programming. In 2015 the team will look at food and science, and hold an open call for ideas from everyone from scientists to artists, students to food industry staff, to develop an exciting series of events, exhibitions and experiments in collaboration with neighbours like Borough Market that change the way people think about what they eat.

Find out more:
www.london.sciencegallery.com
sciencegallery@kcl.ac.uk
@SciGalleryLon
020 7848 6122

Artist’s impression by LTS Architects & Designers

Photograph: Richard Eaton
Teachers Conference for teachers and career advisers

Whether an experienced practitioner or just starting out in an advisory role, our annual conference is an inspiring and informative event that’s not to be missed.

Find out more: www.kcl.ac.uk/teachers-conference
schools.liaison@kcl.ac.uk
020 7848 3044

Classics mailing list

To receive school resources for Classics teachers, invitations to Classics events, and further information about the Department, sign up to the Classics mailing list:
www.kcl.ac.uk/artshums/depts/classics/about/Classics-mailing-list.aspx

CPD training opportunities

The Widening Participation Department offers twilight training sessions and full-day conferences for teachers and advisers throughout the year. All sessions take place during term time and are free to attend.

Our CPD training sessions provide up-to-date information on higher education and advice for those supporting students applying to university.

Topics will include:
• University admissions;
• The UCAS process and reference writing;
• Competitive courses, such as Medicine, Dentistry and Law;
• Supporting students to make informed qualification choices.

Events are open to all teachers and advisers but will be particularly useful to those working in non-selective state schools and those supporting students from less advantaged backgrounds.

For details of upcoming training opportunities and to register your place online, please visit:
www.kcl.ac.uk/study/ug/wp/teachers-and-advisors/training-and-conferences.aspx

UCAS reference writing

We offer UCAS reference writing talks for both new and experienced teachers and careers advisers: this is available in school or through Skype.

Contact: schools.liaison@kcl.ac.uk

Resources

We offer a range of online multimedia activities for you to use with your students in the classroom, and are continually adding to our digital library of resources.

Three Minute Thinking
The Three Minute Thinking video series provides teachers with discussion topics to engage students on a wide range of issues.

Massive Open Online Courses (MOOCs)
King’s College London has created a series of free MOOCs hosted by some of our departments. Students or teachers can register for our courses and have the chance to take part in online discussions, quizzes and scored tests. There is also the opportunity to take exams and acquire a statement of accomplishment once the course is complete.

King’s College London YouTube channel
Visit our YouTube channel and discover subject tasters, public lectures and seminars, as well as behind the scenes videos of what it’s really like to study at King’s.
www.youtube.com/user/kingscollegelondon

Schools and Colleges Liaison newsletter

Our termly newsletter keeps you up-to-date with all of the latest news from King’s and the Schools and Colleges Liaison Team. 
www.kcl.ac.uk/schoolsliaison (resources and events page).
schools.liaison@kcl.ac.uk
020 7848 3044

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www.kcl.ac.uk/schoolsliaison (resources and events page).
schools.liaison@kcl.ac.uk
020 7848 3044
A-level and GCSE reform and its interaction with admissions policy at King’s

King’s College London understands that schools and colleges face a challenging time over the next few years as they adapt to the new curriculum environment in England. Wherever possible, King’s tries not to restrict access to our programmes based on a decision that has been made by a school or college at a local level, whilst trying to maintain fairness, transparency and equality in admissions for all students.

A-level

4th AS or A-level

- We do not place a significant emphasis on students who present with a fourth full A-level as part of the admissions process as not all students have access to a four A-level programme of study.
  - A fourth A-level subject (AS grade B) or the Extended Project Qualification (EPQ) is only required for admissions to Medicine and Dentistry at King’s.
    - The EPQ is not included in our standard offers as not all students have access to the qualification and it risks making an offer including the EPQ more challenging than the standard offer. However, we feel the EPQ is a valuable tool for supporting independent research skills and facilitates greater subject exploration. This could then be included in a personal statement.
  - Entry to degrees offered by our Department of Mathematics require students to take Further Mathematics to at least AS-level. This could, in future, be included in their three A-levels, studying Further Maths alongside two other choices.
  - Many students with four A-levels are of course successful in gaining places at the College, as they have a large capacity for academic learning, but this can also be assessed in a number of different ways.

If a school or college has made a decision to not offer a fourth A-level subject, King’s will waive the requirement for the fourth AS, where applicable, but a statement must be included in the first few lines of the UCAS reference to inform us of the school’s policy in this regard.

AS grades

Currently King’s receives AS grades from some but not all students, so as not to advantage or disadvantage any students to a significant extent, we take a light touch approach to the utilisation of this information.

We therefore use AS grades only as a method of checking the realistic nature of the A-level predicted grades:

1) If the predicted grade is one grade higher than the actual grade of achievement at AS then the College accepts it is realistic for this progression to be achieved (though this seems less likely if this is the case in all three subjects).
2) If a student is being predicted two or more grades above that achieved at AS then we would expect the UCAS reference from the school to very clearly explain why such significant improvement is projected (as this level of progression is considerably less likely in our experience).

In the future, we will continue to maintain a position that neither advantages nor disadvantages students who present these qualifications at the time of application. We will also continue to compare AS and predicted grades and our overall policy will be reviewed annually.

Predicted A-level grades

Predicted grades are an important part of the application review process and like all other universities we rely on schools to be as accurate as they possibly can. We also understand that schools and colleges for a variety of reasons wish to predict at a level that the students ‘could’ achieve and that some level of over-prediction is almost inevitable within the system. We also recognise that there is an additional challenge of predicting grades when working with a new syllabus for the first time.

However, the likely decrease in the AS grade information will lead to a slightly greater emphasis being placed on such grades. The university has noted that in the past three years the proportions of students gaining the highest grades has decreased each year; however, this does not yet seem to have been reflected in the predicted grades of our applicants.

We also recognise that the university plays its part and it is important that we set entry requirements to reflect the current grading structure of A-levels and have, as a result, changed some of our entry requirements to reflect the current grading of A-level papers. We hope that this will continue to ensure that predicted grades are as accurate as possible and we thank schools and colleges for ensuring this is possible.

Subject choice

Students should ensure they are studying any essential subjects for their preferred course. Beyond this, we continue to support the Russell Group’s work on Informed Choices (www.russellgroup.ac.uk/informed-choices). It is worth emphasising there are many other A-level subjects beyond the ‘facilitating subjects’ list which provide a sound platform for both admissions and transition to King’s.

We do not operate a list of less preferred subjects for admissions purposes; we do however encourage students to consider the skills their qualifications will provide them with and how these will aid them at university.

If the range of subject choices on offer to students has been restricted then a school or college may wish to include this information in the UCAS reference.

GCSE

The university also notes the significant reform to the structure and content of GCSEs that is currently taking place. We have observed with interest the changes to the English Language and English Literature qualifications as well as the reform of the grading scale.

Grade 9

Whilst this new top grade has the potential to allow for differentiation between applicants in the most competitive areas, such as Medicine and Dentistry, in the first year that students apply to university with the new grades we will consider Grade 9 and Grade 8 equally.

English Baccalaureate (EBacc) and Progress 8 measure

The university is aware of the impact that these are having on the curriculum offering in schools; currently, we do not consider these ‘qualifications’ as part of our admissions procedures. King’s feels that it is important for schools to offer a range of subjects and qualifications which are appropriate to the educational development needs of their students.

Working with schools and colleges

Through working closely with schools and colleges we hope to ensure that students are provided with a rich and enhancing curriculum that will prepare them well, most importantly for the transition to higher education, but also to ensure that they are treated fairly during the admissions process.

We hold an annual teachers conference which often gives advice on issues such as qualifications. For more information, visit this webpage: www.kcl.ac.uk/teachers-conference