UCL OUTREACH
YEAR 7 TO 11
ACTIVITIES GUIDE
2014-15 / www.ucl.ac.uk/wp
I am delighted to introduce the Key Stage 2, 3 and 4 activities that UCL has on offer for schools in 2014/15. (Please see our separate post 16 booklet for activities for Key Stage 5). The activities outlined in this guide are part of UCL’s commitment to widening participation in higher education. UCL has been running outreach initiatives with local schools and colleges for over 30 years. Through these initiatives we aim to help students discover more about the opportunities available to them and encourage them to consider ways to fulfil their potential and reach their goals.

We hope this guide offers schools an exciting and comprehensive programme of activities. Our aim is to harness the knowledge and expertise established at UCL in order to provide a top-quality service for under-represented groups in university education. We hope to broaden and inspire minds as well as to foster a genuine interest in university life and study.

We are passionate that all students with the potential to achieve in higher education should be given the best and most appropriate help and advice to accomplish this. If you would like to participate in these activities please contact the project manager responsible. We look forward to working with you and your students.

Katy Redfern
Head of Access

Further information is available at www.ucl.ac.uk/wp
About UCL

Based near Euston in the Bloomsbury area of London, UCL is one of the world’s leading universities. Just 190 years ago, the benefits of a university education in England were restricted to men who were members of the Church of England; UCL was founded in 1826 to challenge that discrimination. UCL was the first university to be established in England after Oxford and Cambridge, providing a progressive alternative to those institutions’ social exclusivity, religious restrictions and academic constraints.

Today, UCL still holds equality of opportunity at its core and is London’s leading multidisciplinary university, with 8,000 staff and 28,000 students. Over 150 nationalities are represented among UCL students with overseas students making up nearly a third of the student body. Focused on the translation of research into solutions to the world’s major problems, UCL works across the disciplines and with partners all over the world. Current activities include leading the search for an HIV vaccine and developing the clinical use of stem cells in heart disease, blindness and spinal cord repair.

UCL Term dates 2014/15

<table>
<thead>
<tr>
<th>Term</th>
<th>Dates</th>
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<tbody>
<tr>
<td>Autumn term</td>
<td>Monday 22 September – Friday 12 December 2014</td>
</tr>
<tr>
<td>Spring term</td>
<td>Monday 12 January 2015 – Friday 27 March 2015</td>
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<tr>
<td>Summer term</td>
<td>Monday 27 April 2015 – Friday 12 June 2015</td>
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Child Protection

UCL is committed to safeguarding children and young people involved in UCL activities. As part of this commitment, UCL wishes to ensure that everyone who takes part in activities, as staff or participants, understands the boundaries of appropriate behaviour.

As such, child protection is part of the training programme for UCL students who work with children and young people. This training is reviewed on a regular basis and all UCL staff and students are given a copy of UCL’s child protection policy and procedures before they start work. UCL staff and students who work with children and young people undergo the appropriate level of Disclosure and Barring Service checks before they begin.

All activities that are held at UCL undergo a risk assessment before they take place. We are able to provide schools and colleges with a copy of the risk assessment for their visit, if they’re requested. Copies of UCL’s child protection policy are also available.

Costs

All activities listed in this booklet are free of charge for UK non-selective state schools and students. UCL funds activities with its commitment to widen access with the Office for Fair Access (£1.2 million in 2014/15) and through generous support from the following donors:

- Sutton Trust
- JP Morgan
- Peter Cruddas Foundation
- Wolfson Foundation
- Lloyds Scholars

UCL recognises that when applying and entering higher education children in care can face particular difficulties that their peers are less likely to experience.

As such, in 2009 UCL was awarded the Buttle UK Quality Mark. The Quality Mark was set up to recognise higher education institutions which demonstrate best practice in the provision of support to students who have been in care. We encourage virtual heads and teachers, LAC care teams and charitable organisations to contact us if they have a group of students who they think would benefit from participating in any of our activities.

Also, please contact us if you’d like to arrange a visit for a group of young people in care and/or care leavers or alternatively would like a member of staff come and speak to your young people about studying at UCL or on a higher education topic.
Visits to UCL for school groups

Higher Education Awareness Days (HEAD) / Years 7-11

We offer half-day Higher Education Awareness Days for Year 7 to 11 students throughout the academic year. All visits are tailored to the age group; they introduce students to the university environment and give insight into undergraduate study at UCL. Visits can be run for a minimum of 30 and a maximum of 40 students.

Visits are open to non selective state schools which have a high proportion of students in receipt of free school meals, and are aimed at highly able or gifted and talented students.

We offer the following higher education awareness workshops:

// Why University, why now?
// Options: preparing for GCSEs and A levels
// Design a university

We can also provide an interactive lecture to give students a chance to sample university level study. The taster lectures are delivered by UCL PhD students, and are designed to challenge the students by introducing them to a subject they may not have studied before. We offer a range of taster lectures in both STEM and humanities subjects.

Examples of our 2014/15 lectures include: “Gene Detectives” (genetics and neuroscience), “Market Crash Challenge” (business and economics), and “East is East: History of Travel in India (history).
Visits to UCL for school groups /

**Primary visits / Years 5 and 6**
We offer primary schools visits for groups of 20 – 30 students in Years 5 and 6, to introduce them to the concept of university at young age. Students will have the opportunity to explore the campus, have an interactive visit to one of our museums, meet university students and take part in their own graduation ceremony at the end of the visit.

Weblink for our school visits:
www.ucl.ac.uk/prospective-students/widening-participation/teachers/pre-16/visits

For more information or to book a visit, please contact:

**Contact**

*Visits to UCL (Years 5 to 11)*
Louise Sung
louise.sung@ucl.ac.uk
020 3108 1088

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**Sample timetable**
Sample timetable for a UCL primary visit

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00</td>
<td>Arrive</td>
</tr>
<tr>
<td>13.10</td>
<td>Welcome and icebreakers</td>
</tr>
<tr>
<td>13.25</td>
<td>Scavenger Hunt tour of UCL Campus</td>
</tr>
<tr>
<td>14.10</td>
<td>Scavenger Hunt answers</td>
</tr>
<tr>
<td>14.25</td>
<td>Break with snacks provided by UCL</td>
</tr>
<tr>
<td>14.35</td>
<td>Interview a student – meet ambassadors and learn what university means to them</td>
</tr>
<tr>
<td>15.00</td>
<td>Hands-on workshop in UCL museums and collections</td>
</tr>
<tr>
<td>15.45</td>
<td>Graduation ceremony and evaluations</td>
</tr>
</tbody>
</table>
Activities for Year 8 to 11 students /

Please note that all our activities are for students attending non-selective schools which have a high proportion of students registered for Free School Meals. We want to target students from disadvantaged backgrounds who will have the potential to apply to UCL in the future, so we ask that schools select students who are identified as highly able or gifted and talented. Students must also meet one or more of these criteria:

// Registered for Free School Meals
// Parents/guardians are unemployed or are in lower income jobs
// No family history of higher education
// Students under local authority care (fostered or in care)

Please check the application details for activities you are interested in for more information.

Wednesday Club / Year 8

The Wednesday Club is an after school programme that runs for four consecutive Wednesday afternoons. Five schools from the same area each send up to 10 Year 8 students. The Club is hosted at a local sixth form college for three weeks, with a final celebration visit to UCL. UCL PhD students deliver interactive academic sessions to introduce students to a subject that they can study at university, but which they might not previously have learned about at school. The programme ends with a celebration at UCL for all students, their families and teachers with group presentations of the students’ work. Students and their families will find out more about UCL’s degree programmes, and attend a taster lecture.

Contact

Wednesday Club contact
Caroline Fionda
c.fionda@ucl.ac.uk
020 7679 3016
Activities for Year 8 to 11 students

University Challenge Days / Year 9
University Challenge days are themed full-day programmes for groups of students from several schools. A school can send up to 15 students on a day. Students work with current UCL undergraduates to deepen their knowledge of subject areas, and take part in hands-on academic challenges. Each day ends with group presentations and a review quiz to test them on their new learning.

University Challenge dates for Winter 2014
18 November 2014 – The Ancient World
21 November – Languages
25 November – Engineering
3 December – Humanities
To apply, please visit:
www.ucl.ac.uk/prospective-students/widening-participation/teachers/pre-16/activities/university-challenge

UCL Sutton Scholars / Year 8 and 9
UCL Sutton Scholars is a one year academic enrichment programme for 100 highly able Year 8 students from non-selective London state schools.
Students attend interdisciplinary Discovery Days programmes during February and May half terms, and finish with a four day summer school in July. They explore a range of exciting humanities and science subjects and develop their academic skills. Themes include ‘Right and Wrong’, looking at philosophy, medical ethics and controversies in science, “History of Medicine” “Mission to Mars – exploring outer space” and ‘Ancient Worlds’.
After the Year 8 programme, students are offered the chance to attend an extension programme on four Saturdays in the spring term of Year 9. During this programme they will develop their presentation, research and debating skills and will complete independent writing pieces.
Recruitment for the 2014-15 Year 8s and for additional 2015 Year 9 participants will run in late Autumn 2014.
For more information, visit:
www.ucl.ac.uk/suttonscholars

Inspire / Year 9
Inspire is a long-term engagement programme for highly able students. The programme creates a community of bright, ambitious young people from disadvantaged backgrounds by bringing together high-achieving students from a number of schools in the same area.
Through a series of workshops at UCL and in the community throughout the academic year, Inspire gives young people the opportunity to explore subjects beyond the standard curriculum, develop their writing and presentation skills, build their confidence and learn more about the opportunities available to them at university.
In 2014-15 UCL will run Inspire programmes with schools in Islington, Newham, Essex and Kent.
For more information and to watch a video about Inspire, visit this weblink:
www.ucl.ac.uk/prospective-students/widening-participation/teachers/pre-16/activities/inspire

UCL E-mentoring / Years 9 and 10
We offer e-mentoring by current UCL undergraduates for Year 9 and 10 students at selected partner schools and colleges from January to March 2015. E-mentoring helps students to develop the attitudes, skills and confidence needed to succeed at GCSE and A Level and to apply to competitive universities like UCL.

Contact

University Challenge contact
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louise.sung@ucl.ac.uk
020 3108 1088

Sutton Scholars contact
scholars@ucl.ac.uk or
Alison Home
a.home@ucl.ac.uk
020 7679 7762

Inspire contact
Louise Sung
louise.sung@ucl.ac.uk
020 3108 1088

E-mentoring contact
Caroline Fionda
c.fionda@ucl.ac.uk
020 7679 3016
UCL Horizons / Year 10 and 11

UCL Horizons is a long-term enrichment programme for highly able GCSE students. The main entry point is the Year 10 Saturday School, but new students can also join for our Year 10 summer school or our Year 11 autumn programme.

UCL Horizons Saturday School / Year 10

The Year 10 Saturday School runs from November to June for 21 sessions, and there are 100 places. Students take eight taught modules in STEM and humanities subjects. Our 2014-15 modules include medicine, mathematics, psychology, English literature, law, history, space science and public speaking.

For more information, visit:
www.ucl.ac.uk/prospective-students/widening-participation/prosp-students/horizons/pre-16/yr10-saturday-school

UCL Horizons – Debating Summer School / Year 10

This non-residential four day Summer School uses the discipline of university debating to develop students’ critical thinking and public speaking skills. The programme is usually scheduled in late July or early August, and includes debating workshops, taster lectures, homework tasks, free lunches and a final day debate tournament. There are 70 places.

For more information, visit:
www.ucl.ac.uk/prospective-students/widening-participation/prosp-students/horizons/pre-16/yr10-summer-school

UCL Horizons Autumn Saturday Programme / Year 11

A five week Saturday programme in September and October, designed to support students’ future education choices and study skills in the final year of GCSEs. There are 100 places. The programme begins with four weeks of careers and study skills workshops and finishes with a Careers Conference with speakers discussing their career paths in the engineering, education, health, science, finance, psychology, architecture and law sectors.

For more information, visit:
www.ucl.ac.uk/prospective-students/widening-participation/prosp-students/horizons/pre-16/yr11-autumn

Contact

Rachel Leighton
r.leighton@ucl.ac.uk
0207 679 2994
Activities for Year 8 to 11 students /

Southwark Ambitions / Year 11
In 2014-15 UCL will continue Southwark Ambitions, its five-year programme run in partnership with Pembridge and St Catharine’s Colleges, Cambridge and Excellence in Southwark. A cohort of 25 gifted Year 8 students from Southwark schools joined Ambitions in 2012, taking part in a series of university visits and projects to promote independent learning and research. In 2014-15 the cohort of students will continue working with UCL and Cambridge to host their own student conference, focusing on the skills they have gained through the 2013-14 Southwark Ambitions programme.

Junior Masterclasses / Years 8 to 11
Junior Masterclasses offer students from Years 8 to 11 an enjoyable and informal opportunity to visit UCL and to sample different university subjects. Masterclasses are taught by UCL academics and researchers in a wide range of subjects, and run during school half terms.

Year 8 and 9 students must be accompanied by a parent or guardian; this is optional for Year 10 and 11 students.

Masterclasses 2014-15 dates
27-31 October 2014
16-20 February 2015
25-29 May 2015

Easter Taster Day / Year 10
Students are invited to apply for a place on our university Taster Day during the Easter holidays. This event will provide an insight into university study and student life, exposing students to the range of subjects on offer at university. Students will attend a variety of interactive sessions, focusing on different subjects and will be given a task to work on in small groups. Students will apply for a place via our website from January 2015.

Explore UCL Summer School / Year 11
This non-residential, interdisciplinary one week summer school gives students a real taste of university life. Students attend lectures and workshops from a range of academic subjects offered at UCL. Students can apply to attend the STEM subject strand or the Arts & Humanities and Social Sciences strand. Each strand will follow a separate academic programme, but the two groups will join together for exciting non-academic activities such as quizzes and debating workshops.

The summer school is open to Year 11 students from non-selective state schools in all London boroughs, and will run in July 2015. Brochures will be sent to schools in January 2015, and the deadline for applications will be the end of February 2015.

Students can apply at our website:
www.ucl.ac.uk/juniormasterclasses

Contact
Southwark Ambitions contact
Caroline Fionda
c.fionda@ucl.ac.uk
020 7679 3016

Junior Masterclasses contact
Louise Sung
louise.sung@ucl.ac.uk
020 3108 1088

Explore UCL contact
Louise Sung
louise.sung@ucl.ac.uk
020 3108 1088

Conference / Year 11
UCL will host a one-day conference on the theme of ‘Enlightenment’ in June 2015 for Year 11 students. Students will experience a conference style event and will be introduced to interdisciplinary learning, selecting the sessions they wish to attend from a list of lectures and seminars given by leading UCL academics and PhD students. In addition, there will be sessions on applying to competitive universities such as UCL.

Year 11 Conference contact
Louise Sung
Louise.sung@ucl.ac.uk
020 3108 1088

For more information, visit:
www.ucl.ac.uk/prospective-students/widening-participation/prosp-students/pre-16/year11-summer
Activities for Year 8 to 11 students /

Bring Your Parents to University visits / Year 8 to 11

Students can bring their parents, guardians or other family members to get a taste of university through our Bring Your Parents to University evenings. The evenings include information presentations on We offer a programme to discuss the challenges and opportunities of higher education from parents’ perspective, as well as giving parents information regarding the support they can provide their own students. Visits include a campus tour and a chance to meet student ambassadors.

We will also be holding a Bring Your Parents to University for which students can apply for a place online later in the year.

Parents’ visits take place in the early evening approximately 4.00-6.30pm and run throughout the year.

GCSE Options Day

The decisions made at GCSE level can affect your options later in your educational path. We will be holding a one day event for Year 8 and 9 students and their parents to help them make informed choices pre-GCSE. Students will attend information sessions with UCL Alumni and find out more about which qualifications lead to which courses and careers.

The event will take place on Saturday 28 February 2015 and students will be asked to apply for a place via our website.

Parents visits contact

Vijdan Cakli
v.cakli@ucl.ac.uk
027 679 0489

Contact
UCL Museums and Collections

UCL Museums run curriculum-linked outreach sessions in schools and colleges based on a number of different subjects using object-based learning as a method to engage students with their topics. We run free workshops for Primary schools in Camden, Islington and Newham.

Available outreach sessions include:

With UCL Geology Collections
// Rocks, minerals and the rock cycle (Years 3-9).
// With the Grant Museum of Zoology
// These sessions can take place either at UCL or your school/college
// Life cycles and variation (Years 2 and 5)
// Teeth and eating (Year 2)
// Moving and growing (Year 4)
// Habitats and adaptations (Years 4, 6, 7, GCSE and post-16).
// These sessions take place at UCL only:
// Animal factory (Years 4, 6, 7)
// Animal forensics (Years 4, 6, 7)
// Variation and classification (Years 7, 9, GCSE and post-16)
// Energy and the environment (post-16)
// Genetics, evolution and ecology (post-16).

With other collections at UCL
// Mummification (Years 3-6)
// Life in Ancient Greece (Years 3-6)
// Citizenship and identity (Years 7-10).
// NEW for this year we are testing two new resources:
// Printmaking with UCL Art Museum (Years 7-11)
// Marvellous Materials (Years 7-11)

All these sessions are free, and last one hour per class. We can visit more than one class in a school in a day. We can also take assemblies or run themed sessions at lunchtime or with after-school clubs. All sessions include a brief introduction to university and to UCL in particular. They provide an ideal opportunity to raise students’ aspirations towards higher education as well as provoke interest in subjects as diverse as archaeology, geology and zoology.

It is possible to arrange free school visits to the Petrie Museum of Egyptian Archaeology and the Grant Museum of Zoology. We have special handling collections and a variety of gallery resources that can be used to support student learning. A visit to the Petrie Museum (for Key Stage 2) will show how we study the Ancient Egyptians to learn how they lived. The Grant Museum of Zoology offers a range of curriculum-linked workshops.
We can also offer special visits to UCL that combine activities in the museums with an introduction to university. These are ideal enrichment days, involving a visit to one or more of the museums and a tour of the university, as well as a talk about university life, run by current students.

**Loan boxes**

We have two loan boxes with unusual objects for students to handle. The boxes support the national curriculum and can be used to support Gifted and Talented programmes and to provide curriculum enrichment for all students. A loan box usually contains about 12 to 15 genuine artefacts from our collections, with some replicas. There is also a pack of background information and a pack of activities with each box, relating to a specific key stage, although the objects can often be used very successfully with all ages from Year 1 up to Year 11 (details available on enquiry). You can borrow a loan box free of charge for up to three weeks at a time. Subjects of the loan boxes are:

- **Animals and biodiversity**
  From fossils to butterflies, including coral, feathers and bones; a great introduction to the animal world. Two boxes available, one with an activity pack focused on art.

- **Citizenship and identity**
  Fingerprinting, measuring your head size, looking at glass eyes – what do physical appearances tell us about people?

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**Contact**

For further information please contact:

Celine West  
celine.west@ucl.ac.uk  
020 7679 2151
Citrus Saturday

Citrus Saturday is an enterprise education toolkit created by UCL's Enterprise Division. It offers youth organisations and schools the resources needed to run enterprise skills workshops showing young people key business skills like product development, budgeting and marketing, then the chance to start their very own citrus drinks business. Citrus Saturday is hands-on enterprise skills programme and aims to:

- raise aspirations
- increase self reliance
- broaden experience
- grow confidence
- expand work options
- improve employability
- boost problem solving

The Citrus Saturday toolkit is free to schools, colleges and organisations working with young people. The free toolkit brings UCL-style enterprise education to your organisation, and includes:

- teaching workbooks and guides
- videos for teaching and planning
- professional market stall kit
- drinks recipes
- impact measurement tools

Inspiring Women in Science

UCL's Inspiring Women in Science speakers programme aims to introduce girls to science and mathematics in an appealing way and to show how science directly relates to their lives. Successful academic women and PhD students from a range of science, technology, engineering, mathematics and medicine (STEM) subjects are willing to motivate and empower young women to recognize the endless opportunities available to them in these fields.

The aim of this speakers programme is to help shatter stereotypes by exposing students to female role models in science and to help spark both their curiosity and self-belief in disciplines where girls have traditionally been under-represented.

Contact

Citrus Saturday
Jack Wratten
manager@citrussaturday.org
020 7679 4599

Inspiring Women in Science
UCL Equalities
equalities@ucl.ac.uk
020 3108 3991
Lunch Hour Lectures

Running since 1942, UCL Lunch Hour Lectures are an opportunity for anyone to sample the exceptional research work undertaken at the university. The lectures are free and open to all, with no need to book.

Taking place between 1.15pm and 1.55pm on Tuesdays and Thursdays at UCL’s Darwin Lecture Theatre at our main campus. Speakers are drawn from UCL’s wide-ranging academic departments and lectures frequently showcase new research and recent academic publications. The lectures return in October 2014 with topics including: the placebo effect, the science of fireworks, the taboo history of the toilet, archaeology on Easter Island and lots more.

Our 2014/15 programme and videos of these and previous lectures are available at:

www.ucl.ac.uk/lhl

For further information please contact:

UCL Events
events@ucl.ac.uk
020 3108 3841