

Aimhigher Activities in Surrey 2008-11

Example:

Name of Activity

Type of Activity

Provider / Price / Duration

Minimum number of students / Maximum number of students

Year groups activity available to...

7	8	9	10	11	12	13
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Brief description of activity (full programme available at www.aimhighersurrey.org.uk)



This picture denotes activities where you'll need to book transport. Coaches should be booked by the school/college and invoices marked for Aimhigher Surrey, c/o Educational Liaison Centre, University of Surrey, Guildford, GU2 &XH.

All activities without the bus picture will take place in school or college



Science & Technology in Action: Why do Animals Huddle?

Hands on science activity

University of Surrey / £600 / Up to 3 sessions of 1hr 20 minutes

Min 12 / Max 16 per session

7	8
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Working with university tutors, students learn to use data logging equipment and carry out a range of investigations including a) mimicking animals huddling to measure effect on body temperature b) how the size of animal affects its cool down rate c) the impact of evaporation on lowering body temperature

Using Control Technology for Security

Hands on science activity

University of Surrey / £600 / Up to 3 sessions of 1hr 20 minutes

Min 12 / Max 16 per session

8	9
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Working with university tutors, students learn to program a model car park barrier to operate safely and control movement of vehicles in and out.

Measuring Aspects of Fitness

Hands on science activity

University of Surrey / £600 / Up to 3 sessions of 1hr 20 minutes

Min 12 / Max 16 per session

9

Working with university tutors, students use data logging equipment to measure physical data. Investigation includes why athletes are given shiny blankets at the end of the marathon race, measurement of reaction times, heart rates and other interesting physical parameters.

Science & Technology in Action: Investigating Rocks and Soils

Hands on science activity

University of Surrey / £600 / Up to 3 sessions of 1hr 20 minutes

Min 12 / Max 16 per session

9

Working with university tutors, students will investigate samples of rocks, identifying differences and similarities so that they can sort them into different rock families. They will learn about the rock cycle and what rocks and soils are used for because of their particular characteristics. Moh's Scale of Hardness will be used to determine the relative hardness of the rocks.

What's University really like?

Campus Visit

University of Surrey / £640 / 4 hours

Min 20 / Max 40

8 9



To introduce students to the concept of higher education as well as dispelling myths and raising aspirations to enter higher education. Includes: HE Quiz, Campus Tour, Poster activity.

Get Inspired by Higher Education

Campus Visit

University of Surrey / £640 / 4 hours

Min 20 / Max 40

10



Workshop on campus to explore the range of subjects offered by universities, as well as showing students the real life application of higher level learning in a range of industry sectors and circumstances.

What Next?

Campus Visit

University of Surrey / £640 / 4 hours

Min 20 / Max 40

11



To encourage students to assess their own skills, weaknesses and interests and to encourage them to consider different careers as well as career pathways. To provide students with a better understanding of life at university.

Progression Day

Campus Visit

University of Surrey / £640 / 4 hours

Min 20 / Max 40

12

13



(part 1 in year 12, part 2 in year 13)

On campus workshops to help students explore their own strengths and interests within the context of selecting and applying to university.

Negotiation: Politics in Action

Workshop

University of Surrey / £356 / full day

Min 10 / Max 25

12

13



To provide students with an introduction to practical negotiation skills, enabling them to understand the challenges that those involved in politics face.

Molecular Modelling Workshop

Workshop

University of Surrey / £600 / 1 day

Min 10 / Max 20

12



The activity will take the form of a workshop with an introduction to the molecular modelling software and examples of its' applications, where students will be able to see interactive 3 dimensional stereo images using 3D glasses and stereo projection facilities. Students will have the opportunity to build their own molecular models on the University computers and study their shapes, flexibility and interaction with protein receptors.

Toxicology

Workshop

University of Surrey / £900 / 1 day

Min 10 / Max 40

12



Students will learn about how people become addicted to drugs, and how biologists are trying to understand this phenomenon to facilitate treatment. How drugs may interact with each other, plus other foreign chemicals (pollutants/foodstuffs etc), causing side effects and how scientists try to predict/prevent this happening. How genetics play a role in individual response to drugs.



Student Ambassadors

Student Ambassadors

Royal Holloway University of London / £250 / 1 hour

Max 30

8

By meeting current undergraduate who provide an encouraging yet realistic insight into university, students engage in group work to find out if HE is for them.

Why bother with University?

IAG

Royal Holloway University of London / £300 / 2 hours

Max 30

9

To introduce students to higher education, discuss reasons why people go to university and explore how higher education can be accessed by different progression routes.

Experience Higher Education

Campus Visit

Royal Holloway University of London / £700 / 4 hours

Max 30

10



Opportunity to visit a university, accompanied by undergraduate students to find out about all aspects of student life, both academic and social. Workshop includes HE Quiz, Campus and library tour.

Higher Education Next Steps

Campus Visit

Royal Holloway University of London / £1365 / 4 hours

Max 30

11



Workshops led by university lecturers and supported by undergraduates on how the nature of study and learning changes at level 3 and is transformed at university. Project work on the day will be based on specific level 2 syllabuses.

Progression Days

Campus Visit

Royal Holloway University of London / £800 / 4 hours

Max 30

12

13



On campus workshops to help students explore their own strengths and interests with the aim of going onto higher education including searching for the right courses and university, finance advice, campus tour and Q&A session.



Undergraduate 'Hotseating' Q & A and campus tour

Campus Visit

Roehampton / £300 / half day

Min 20 / Max 30

8



Opportunity to meet students and understand what university life is like. This includes visiting student accommodation and learning about the wide range of subjects available in higher education.

Subject Taster Days

Taster Day

Roehampton / £635 / one day

Min 12 / Max 25

8 9 10



A range of specific subject areas available for students to participate in a day long workshop led by university tutors. Main areas available include Business & IT, Sport, Psychology, Spanish, Childhood Studies and Environmental Studies.

Master Classes

Master class

Roehampton / £240 / half day

Min 15 / Max 25

9

University lecturer provides a detailed session on their specialist area, supported by student mentors. Including theoretical and interactive elements, your students will have the chance to enrich understanding of their GCSE subject.

Shadow a Student

IAG

Roehampton / £1880 / 1 day

Min 20 / Max 60

9 10



Opportunity to shadow an undergraduate student for a day, participating in lectures, seminars and practical sessions- an insight into the way subjects are studied at university, with increased understanding about student life.

Sports Science Taster Day

Taster Day in Sport Science

Roehampton / £611 / 10am – 2pm

Max 20

11 12



Working in elite performance labs, students will use specialist testing equipment to collect and interpret data, analyse and communicate findings. University tutors will provide a talk on theoretical and practical concepts in sports science.

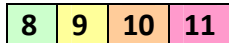
KINGSTON

Maximising Sports Performance- The Biology and Chemistry and Sports Science

Workshop

Kingston / £450 / 3 hours

Min 12 / Max 25



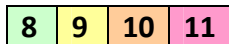
Laboratory based workshop at Kingston University to test the performance of elite and Olympic athletes. The practical session will enable students to develop sports science knowledge by carrying out tests themselves.

Maximising Sports Performance- The Biology and Chemistry and Sports Science

Workshop

Kingston / £300 / 2 hours

Min 12 / Max 25



Workshop in school to test the performance of elite and Olympic athletes. A range of testing equipment and resources will be supplied to enable testing and analysis to take place.



Media Technology 'Who are you? Self Advertising workshop'

Workshop

University for the Creative Arts ([FARNHAM](#)) / £757 / 9.30 – 3.00pm

Min 20 / Max 30



Students will experience a Master Class exploring advertising techniques, problem solving and critical image making using Apple Mac computers. The session will be delivered by specialist academic staff to enrich the current curriculum, give students a taste of higher education and to find out more about the art and design subject area. Undergraduate Student Mentors will assist on the day and share their own varied backgrounds with the students.

Ceramics Day

Workshop

University for the Creative Arts (**FARNHAM**) / £757 / 9.30 – 3.00pm

Min 16 / Max 20

9 10



University lecturers will run practical sessions in ceramic techniques and sculpture to enable students to explore, development and communicate ideas in 3D constructions pr ceramics or clay- an insight into a specialist university college.

Digital Graphic Design

Workshop

University for the Creative Arts (**EPSOM**) / £1000 / 10.00 – 4.00pm

Min 15 / Max 20

10 11



A practical day school in digital graphic design techniques and digital image making using Apple Macs and be led by university lecturers to enrich the GCSE curriculum. Undergraduates will support and provide insight into HE experience.

Available week beginning 12th April and week beginning 14th June

Drawing Masterclass

Workshop

University for the Creative Arts (**EPSOM**) / £1000 / 10.00 – 4.00pm

Min 15 / Max 25

10 11 12



The day will cover mark making, collage, enlarging and reducing, selecting and editing, tone and line, texture and working in relief. Students will experiment with a range of methods and will work from organic and non-organic sources.

Available week beginning 12th April and week beginning 14th June

Final Cut Pro

Workshop

University for the Creative Arts (**EPSOM**) / £1000 / 10.00 – 4.00pm

Min 15 / Max 25

11 12



Specialist lectures provide a curriculum enrichment activity based on digital moving image techniques, Students will use technology that is matched to the requirements of study at Higher Education level and will experience working in a university environment

Available week beginning 12th April and week beginning 14th June

Master Class in Life Drawing

Workshop

University for the Creative Arts (EPSOM) / £1000 / 10.00 – 4.00pm

Min 15 / Max 25

11 12 13



Students will experience a Master Class in Life Drawing. The session will be delivered by specialist academic staff to enrich the current curriculum and give students a taste of higher education and to find out more about the art and design subject area. They will be introduced to a variety of techniques in drawing, designing and mark making. Undergraduates may help facilitate the day and be on hand to answer questions about higher education.

Available week beginning 12th April and week beginning 14th June

Fashion Photography

Workshop

University for the Creative Arts (EPSOM) / £1000 / 10.00 – 4.00pm

Min 10 / Max 20

12 13



This workshop based course will give students an insight into the world of fashion photography including elements of styling and location. They will use high specification digital cameras and photographic equipment in our designated Photography Studios and work with a professional model. This course is designed for students with a particular interest in the world of fashion photography.

Available week beginning 12th April and week beginning 14th June



Super Speed Study Skills

Dynamic Kinaesthetic Learning Experience

Positively MAD / £850 / 2 x 2 hour sessions

Min 10 / Max 150 in each session

Tailored year groups activity available to...

7	8	9	10	11	12	13
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The Super Speed Study Skills seminar is based on over 30 years of combined experience and research into effective study habits. Over 800 schools and over 350,000 students have now experienced this leading and essential Study Skills seminar with remarkable results.

With modern research in Accelerated Learning and Neuroscience; this dynamic programme gathers together a combination of practical strategies and techniques for studying.

Delivered in your school by one of Positively MAD's professional Master practitioners to ensure your students receive a high energy, interactive and impacting learning experience.

Exam Busters

The complete exam and revision programme

Positively MAD / £850 / 2 x 2 hour sessions

Min 10 / Max 150 in each session

Tailored year groups activity available to...

10	11	12	13
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The 'Exam Busters' course has been specifically designed with one major outcome in mind; to assist students in attaining the best possible results in their Mocks, GCSE and A-level exams. Developed in conjunction with world-class memory 'Grand-wizards', this seminar introduces students to the most powerful and widely-used memory techniques known.

This course will ensure that your students have all the techniques and tools required to prepare themselves for their forthcoming exams. Failing to prepare is preparing to fail.

Delivered in your school by one of Positively MAD's professional Master practitioners to ensure your students receive a high energy, interactive and impacting learning experience.

Learn to Earn

Workshop

Young Enterprise / £600 / 1 day

Min 20 / Max 30

9 10 11

Students come face to face with business volunteers who help them to understand the link between their education and their future success and happiness in work and life.

East Surrey College

Vocational Learning: Digital Photography

Workshop

East Surrey College / £700 / 1 day

Min 12 / Max 15

10 11 12 13



Opportunity to work alongside students taking an HE vocational course in an FE Exploration of digital photography and image manipulation with insights into the industry itself and vocational progression.

Vocational Learning: Printmaking Workshop

Workshop

East Surrey College / £900 / 1 day

Min 15 / Max 20

10 11 12 13



Working with tutors and alongside HND students HND Students, a print workshop exploring a range of techniques e.g. mono and screen printing, collotypes, flat bed presses, is set up to enhance curriculum progression and provide a taste of vocational HE.

SURREY EBP

Interview Workshops

Visit

**Surrey Education Business Partnership / £500 /
Max 20**

11 12 13



Training in effective interview skills takes place with a business company after students prepare (with support of class teacher) a C.V. and job application in advance. Students make their own way to interview.



Media Taster Session

Workshop

**Guildford College of FE and HE / £400 / half day
Min 5 / Max 10**

11



To make students aware of the range of pathways to Higher Education and that Higher Education can be studied at a Further Education College, not just at a University. The activity will also get students interested and excited about studying Media at Higher Education.es

Travel and Tourism

Workshop

**Guildford College of FE and HE / £400 / half day
Min 5 / Max 10**

11



To introduce students to the study of travel and tourism, including a travel quiz, book your own holiday/flight, serve 'duty free' in our mock air craft cabin, make up a brochure page.

Equine Management

Workshop

Guildford College of FE and HE / £400 / half day

Min 5 / Max 10

11



To introduce students to the variety of Equine Courses on offer at Guildford College of Further and Higher Education and learn about careers in the Equine industry. Students will also have the opportunity to be taken on a tour of the Equine Unit, observe the grooming of horses and be given a horse riding demonstration.



Ties that bind

Taster

Open University / £275 / 1.5 hours

Min 10 / Max 25

11 12 13

A video and discussion introducing psychology and based on the theme of identity- Personal, social and political.

Learning to Care

Taster

Open University / £275 / 1 hour

Min 10 / Max 25

11 12 13

A video and discussion on the practical and ethical issues surrounding care.

What is health?

Taster

Open University / £275 / 1 hour

Min 8 / Max 25

11 12 13

A guided discussion about health. Ideas drawn together and considered both historically and in terms of modern health practice and opportunities for careers.

Across languages and cultures

Taster

Open University / £275 / 1.5 hours

Max 15 (per language course)

11 12 13

Practical activities in all four skills (reading, writing, speaking and listening) in a choice of one or more languages (French, German, Spanish) using an on-line learning environment (Lyceum)

Images of Women in Art and Literature

Taster

Open University / £275 / 1 hour

Min 10 / Max 50

11 12 13

Practical activities in all four skills (reading, writing, speaking and listening) in a choice of one or more languages (French, German, Spanish) using an on-line learning environment (Lyceum)

Word and Image

Taster

Open University / £275 / 1 hour

Min 10 / Max 30

11 12 13

An exploration of two treatments of the myth of the fall of Icarus- Brueghel's painting and W.H. Auden's poem. An introduction to inter-disciplinary study in the Humanities.

The swinging pendulum

Taster

Open University / £275 / 1 hour

Min 10 / Max 25

11 12 13

Hands- on experiment design- a microcosm of how we study science.

Meat-eating and blood thirsty plants (Insectivorous plants)

Taster

Open University / £275 / 1.5 hours

Min 10 / Max 50

11 12 13

A look at some of the main classes of insectivorous plants using slides and real plant specimens.

GM (genetically modified) plants

Taster

Open University / £275 / 1 – 3 hours

Min 10 / Max 40

11 12 13

What exactly does GM mean? A guided discussion on the pro's and con's of this controversial technology.

Win without Cheating- Problem solving maths

Taster

Open University / £275 / 1 – 2 hours

Min 10 / Max 25

11 12 13

A practical workshop looking at problems which can be solved using some simple maths methods. Available at introductory or more advanced levels depending on the group.

Walking with robots

Taster

Open University / £275 / 2 hours

Group of 12

11 12 13

An introduction to some of the basic ideas behind autonomous robots. Almost anyone can build and programme a simple 'intelligent' robot.

Working with children and young people- is it for me?

Taster

Open University / £275 / 1 - 2 hours

Min 10 / Max 25

11 12 13

Activity based workshop encouraging participants to look at their experiences and skills in working with children and young people.

Safe Surfing

Taster

Open University / £275 / 1 hour

Min 10 / Max 25

11 12 13

Keeping your child, your wallet and your ID safe online. A look at computer and internet security.

Drive your parents mad

Taster

Open University / £275 / 1.5 hours

Min 10 / Max 25

12

An introduction to part time HE study using supported open learning. An analysis of the advantages and disadvantages of various alternative modes of HE study.

Journey to Success

Taster

Open University / £275 / 1 hour

Min 10 / Max 25

12 13

Skills based session that relates to motivation, note taking, CV writing and interview techniques.
