

Careers Information & Opportunities



Dear Parents, Carers & Students
Here is this week's round-up of Careers News.
If you have any career tips, comments, suggestions
– or come across useful resources - please email
claire.jonas@tbshs.org

Special Announcements

Year 11 - Prospective College Applicants

It is absolutely vital that students hoping to attend Stansted Airport, Cambridge Regional, Harlow, Writtle or Hertford Regional Colleges, apply for their course place during the Christmas break - or earlier. College courses are often now over-subscribed and admissions operate a 'first come first serve' criteria so if the course you have chosen is full, they will, at some point, need you to select an alternative. **Please apply ASAP to be sure of your first choice.** Many thanks.

Apprenticeships

***Students with a Unifrog log-in can see all
apprenticeship listings, on-demand webinars and more
Students should research the many apprenticeship websites
(Amazing Apprentices, Springpod, Uptree, Success at Schools etc) and
if they haven't already, register with the government website, [click here](#)***

The apprenticeship 'season' has begun and future bulletins will highlight occasional openings as they arise. However, students should research opportunities continuously

Spotlight Opportunity: Discover Apprenticeships - Virgin Media O2

Sign up to discover how you might develop a career with a Virgin Media O2. With new apprenticeships being released all year round, the variety is wider than ever. Whether you want to be out and about helping customers, diving into the data that drives the business, or connecting communities through network expansion, there's something for everyone. **Discovery Workshop on 8th February at 10am** to meet current Apprentices and the Virgin Media O2 Future Careers team, [click here](#)

Success At Schools

Lots of application information on their website now available for *CBRE*, the *Army*, *Dentons*, *Marsh McLennan* etc.

Morgan Stanley

The 2024 Technology Professional Degree Apprenticeship is now open for applications. [Click here for information](#).
Deadline 19th Feb 2024.

All About Assessment Centres

Webinar for students who wish to explore what assessment days are about. Although this is presented by *BP*, it might be useful for generic applications for apprenticeships. [Click here](#)

Latest Higher & Degree Listings

Amazing Apprenticeships have an [up to date list here](#).

Apprenticeship Success

Access real-life stories from apprentices to finding out what it's really like to do an apprenticeship.

[Success Stories](#) | [RateMyApprenticeship Hub](#) Also from *Rate My Apprenticeship* is the **Parent/Carers Hub**. [Click here](#)

Things I Wish I'd Known Before Starting My Apprenticeship

If applying for apprenticeships in any field, you will probably find this post from *NotGoingToUni* very useful.

[Click here](#)

Opportunities Available via Career Map & Rate My Apprenticeship

Top companies are hiring now; *EY*, *Arcadis*, *Marsh McLennan*, *CGI*, *GE Aerospace*, *Unilever*, *mace*, *Softcat*, *AWE* and *BP*. [Click here](#)

All You Need To Know About Apprenticeships

Amazing Apprenticeship have a terrific website packed full of facts, information and guidance. Here's the link to explore everything you might need to know, [click here](#). Apprenticeship levels explained in *Rapid Resources*, [click here](#)

College/University Information

Fast Forward Vocational Training, River Way, Harlow

This alternative training provision offers nationally recognised qualifications in motor vehicle studies and gives students a hands-on approach whilst gaining experience in an active workplace alongside qualified Team Sport instructors. For more information, see <https://www.team-sport.co.uk/go-kart-tracks/harlow>

Years 10-13 Local College Open Event

Please see the College website for information & registration.

Cambridge Regional - Saturday 27th January 2024 – 10am-12:30pm

Free Download Guide For Parents

From *Success at Schools*, this free digital guide will help parents and carers support their children to make informed decisions about their next steps after school and is designed to provide them with all the information they need to make a successful application to uni. Articles include: Is university right for my child? How to choose a university, applying through UCAS, writing a personal statement, student finance, Summer Schools (Sutton Trust), accommodation - and lots more [Click here](#)

Choosing The Right Degree

Lancaster University have gathered together their top resources to help students struggling with that decision, along with some guidance on how to pick a degree course.

[SACU](#) - great for Year 12s struggling to decide on the right degree or apprenticeship for them. Take a short picture-based quiz and SACU will come up with a cloud of subject areas that would suit a student.

[Prospects](#) - another great website for browsing through degree subjects and the careers they can lead to. *Prospects* is also useful for working backwards - starting with a desired career in mind and seeing which degrees or other pathways would be best for achieving a role within that industry. [Hear from Student Ambassadors](#) – a blog on how to choose between universities.

Graduate Case Studies – Sheffield University

The University's [Graduate Case Studies database](#) is an excellent resource for anyone undecided about their future career path. Often they know which subject they would like to study but not where it can lead to afterwards. The database gives examples of previous graduates from the university, and students can filter by different sectors.

University Subject Tasters

Also at the *University of Sheffield*, are a huge number of subject taster lectures taking place online which can be accessed and used as subject study research - although not necessarily at Sheffield. Register your interest and keep an eye on the [webpage](#) for updates.

Regardless of whether you want to attend Sheffield University, [Sheffield Live](#) is a great resource for information on university.

UCAS Subject Guides

[Click here](#) for information on subject study at university. Read the threads too on *The Student Room*. [Click here](#)

Everything You Need To Know About Russell Group Universities

Whether asking what is a *Russell Group* university - or weighing up whether they are worth it - here are some answers. [Read More](#)

A-Z List of University Courses

From *British Uni*, here's a list of university courses, [click here](#)

UCAS for Parents

The UCAS website provides a wealth of information geared towards parents including a guide that you can download and information on financial support and budgeting, [click here](#)

Choosing The Right University/Course

Click the link for tips/advice [here](#)

Imperial College – For Parents/Carers

There are some generic pages on Imperial's website which will support parents/carers – regardless of which university students are applying for. [Click here](#)

Years 11-12 – Have you Considered All The Options?

University is a great choice for many students but if you're not sure, there are other options. [Click here](#) for an overview from *Success At Schools*. For the pros and cons of university, [click here](#). Which university and what degree to choose? There's some help [here](#) and [here](#). Finally, here's some general information on open days and how to make the most of them, click [here](#)

UniTasterDays Parents' Guide to University FREE To Download

The Parents' Guide to University has been produced by *UniTasterDays.com* in collaboration with *HELOA* - to help parents or guardians support their young person with their higher education decisions. Editorial has been provided by over 40 colleagues at universities and schools and colleges throughout the UK on topics including student finance, university applications, university events, student wellbeing and more. [Click here](#)

UniTasterDays - University Event Directory

UniTasterDays are hosting online university events for students and here's a handy one-stop directory where you can search online. There are listings for taster days, masterclasses, workshops and open days in every imaginable subject – some 127 pages – with filters! Additional sessions such as, *Understanding The UCAS Process*, *UCAS And Personal Statements* and *Student Life*. It's available [here](#). **Special Note:** Workshops can prove useful background research for subjects, EPQs etc. Here's a link to the home page of this terrific directory:

<https://www.unitasterdays.com/> The latest bogs features an [introduction to university widening participation and fair access](#).

Work Experience

It's vital students sign up to Uptree & Speakers for Schools who have lots of face to face and virtual opportunities – check with your Head of Year before attending any sessions that fall on a school day

Uptree

Various masterclasses, info events and work experience days now available to book.

[Lots to browse here](#)

Years 10-13 Speakers For Schools

Sign up for Work Experience – various opportunities at various times. [Latest info is here](#)

Students must seek permission from Head of Year before attending on a school day.

Careers

***** TOMORROW *** Careers In The Film Industry – Thursday 14th December 4.30pm**

If you want to find out more about working in the film industry and in particular, as a Film Director, tune in to the next HOP webinar on 14th December. [Registration link here.](#)

***** TOMORROW*** Careers In Finance - Thursday 14 December 6pm-7.15pm**

From *Lancaster University*, this webinar features Paul McCormick, a careers coach with 25+ years of investment banking and financial markets experience. Paul is inviting your students to join him for a financial careers webinar. He will explore the range of career opportunities in Financial Markets and Financial Services, including Investment Banking, Retail and Commercial Banking, Fund Management, FinTech, Insurance, Wealth Management and half a dozen other financial sectors. Accountancy and Consultancy will also be referenced, and students can get to know the range of individual skillsets and professional profiles that will help them flourish in these areas. There will also be a 'young professionals' panel discussion. [Click here to sign up](#)

Featured Inspiration Broadcast – Prospective GPs – Thursday 11th January 2pm

Join *Speakers for Schools* on Thursday 11th January at 2-2:45pm to hear about Dr Veena Aggarwal's journey as a GP Registrar and her dedication to lessening the NHS' environmental impact. Veena has worked with the National Greener NHS team and dedicates time to educating fellow GP trainees, contributing to the Greener Practice network and promoting sustainable primary care. Explore how she combines her role with a passion for a green, more sustainable healthcare future. Register a group or cohort of students here: <https://forms.office.com/e/AEH8arHe1j>

Years 11-13 Kings College – Prospective Medics & Dentists

Applications open for free, online [King's College London Medicine and Dentistry Lecture Series 2024](#)

This programme is for students across the UK in Year 11, 12, and 13, who have only attended non-selective state schools since age 11 and are interested in becoming a doctor or dentist.

For over three years this online programme has supported students in accessing the hyper-competitive medical and dental degrees by acting as a hub of support for their questions and queries. Over the course of the lecture programme students will hear from a variety of speakers to help them make the best application to medicine or dentistry possible! Last year's lectures included the following:

Medical and dental specialities: paediatrics, prosthodontics, renal transplant, maxillofacial and many more.

Q&A's each week with current medical and dental students.

Support for the application process: UCAT, personal statements, and interviews.

September Q&A with key admissions colleagues in the school of medicine at KCL, UCL, St George's, Queen Mary, and Imperial.

A session on other careers in healthcare with six professionals currently working and teaching in the sector (nursing, dietetics, clinical science, etc.)

Lectures will be held on Wednesday evenings at 6-7.15pm. Our first lecture will be on Wednesday 14th February.

For more information and to apply, [students should follow this link](#). The deadline to apply is Monday 15th January 2023.

Careers Unwrapped

Careers Unwrapped is a podcast series where accomplished industry leaders share their career stories, advice and reflections to inform and inspire young people.

Education In Chemistry

I'm A Scientist is a student-led activity that connects students with a diverse range of scientists from different specialisms and backgrounds. Students get to read profiles of scientists working in different careers. [Click here](#)

BBC Bitesize

BBC Bitesize have some great advice from leading careers experts and over 350 job case studies from people who've found the right path for them. [Click here](#) for the home page. Check out *Where could your favourite subject take you?* *Explore careers by job sectors* and *Careers A-Z – Find your Perfect Job*.

Year 8-13 Find Your Potential – Career Sense

The Find Your Potential resources from Nat West's Career Sense, support 13-18 year-olds to discover their strengths and skills for the future world of work. Students will receive personalised information on future careers they may want to pursue, based on their strengths and what they enjoy. The resources help students develop self-awareness and confidently start to think about career next steps. **Register now to download the resources.** [Click here](#)

All Years - Careers Fairs

From *UK Careers Fairs*, here's a list of Careers Fairs taking place in many major cities in England. [Click here](#)

All Years - Careers Advice – Bullet Points

Also from *UK Careers Fairs* are these useful box links. [Click here](#)

Future You Podcast

Listen to *Prospects' Future You* podcast for inspiring insight's from employers, careers, advisers, students and graduates. [Click here](#)

Careers Websites

When free, do take a look over the *All About Careers* website as there's lots of information to digest regarding careers, [click here](#)

Find Out More About Individual Jobs

For snapshots into the world of work, visit the *icould* website to explore hundreds of videos about different jobs - search by filters such as job type and school subject. [Click here](#)

Begin! - Careers Guide

University of Nottingham has just launched a new careers guide called *Begin!* Whilst this is targeted at university students, it may also be relevant for sixth form students. Wherever students are with their career journey, this is the place where they can begin. [Click here](#)

Speakers For Schools

Upcoming live broadcasts schedule: Live broadcasts are a great way for students to hear directly from leading figures from a range of industries, and have the opportunity to ask questions via a moderated Q&A.

HOW TO JOIN THE LIVE BROADCASTS Join 10 minutes before the broadcast to be ready. You can join without needing an account – [Watch how here](#) Watch pre-recorded broadcasts from their library [here](#).

UPCOMING TALKS

DATE	SPEAKER	INFO
Wednesday 10 th January 2-2:45pm	Jimmy's Jobs Podcast: Jimmy McLoughlin, Podcaster & Former Special Adviser to the UK Prime Minister	Join us and Jimmy McLoughlin OBE who is a former Downing Street adviser on business and entrepreneurship. He now runs his podcast/YouTube channel, Jimmy's Jobs of the Future where he interviews people everyone from Ben Francis of Gymshark to the Manager of the Sidemen. Find out what goes

	KS3-5/S1-6	on behind the scenes and what the future job market might look like. Click here to register
Thursday 11 th January 2-2:45pm	Working As A GP Registrar And Sustainability In NHS: Dr Veena Aggarwal, RCGP National Sustainability Group - Vice Chair KS4-5/S4-6	Discover Dr. Veena Aggarwal's journey as a GP Registrar and her dedication to lessening the NHS' environmental impact. Her passion sparked in 2020 during her time in New Zealand, witnessing the Australian bushfires. Veena has worked with the National Greener NHS team and dedicates time to educating fellow GP trainees, contributing to the Greener Practice network, promoting sustainable primary care. Explore how she combines her role with a passion for a green, more sustainable healthcare future. Click here to register
Monday 15 th January 10-10:45am	The Manufacturing Process of Beauty Products and their Ingredients: Gaia Carminati, Head of Product Development & Packaging and Lulu Jopp In Partnership With Indu KS3-5/S1-6	Explore the alchemy behind beauty! Join us for an exclusive online event in partnership with Indu with Gaia Carminati, Head Of Product Development & Packaging. Uncover the secrets of skincare and cosmetics in this insightful journey from formulation to production. Elevate your understanding of the art and science of beauty in just one click! #BeautyManufacturing #SkincareSecrets Click here to register
Tuesday 16 th January 2-2:45pm	Sarah Gordon, Visiting Professor in Practice, London School of Economics, Former CEO, Impact Investing Institute KS3-5/S1-6	Embark on a journey into the heart of journalism with our upcoming broadcast featuring Sarah Gordon Visiting Professor in Practice at London School of Economics and former CEO of the Impact Investing Institute. Discover the skills needed for success in the ever-evolving world of journalism. Join us for an enlightening session where you'll gain insights, tips, and insider knowledge from a seasoned expert. Don't miss out on this opportunity to supercharge your journalism skills! Click here to register
Thursday 18 th January 10-10:45am	Sarah Baynes, CEO, The Creative Garden KS4-5/S4-6	Details TBC Click here to register
Friday 19 th January 10-10:45am	Forensic Linguistics and Forensic Psychology: Tim Grant, Senior Lecturer in Forensic Linguistics, Aston University KS4-5/S4-6	Details TBC- perfect for students studying Psychology or Languages. Click here to register
Tuesday 23 rd January 10-10:45am	Challenge and Adventure: Your Personal Development with Capt. Polly Marsh, CEO, The Ulysses Trust KS3-5/S1-6	Embark on a virtual journey of self-discovery with Captain Polly Marsh as we explore the scientific proof behind the transformative power of challenge and adventure on youth development. Captain Polly Marsh will talk about the tangible benefits of building confidence, resilience, teamwork, and leadership skills. Discover the key to unlocking the full potential of our future leaders through this exciting and impactful online experience. Click here to register

Resources

***Sixth Form students will receive more guidance & information on UCAS & apprenticeships in Mrs Price's Post-18 Bulletin next month
There will also be more detailed information for prospective Oxbridge, Medics, Dentists & Vet candidates***

All Years - The GCHQ Christmas Challenge Returns

From GCHQ, here are a series of fiendish brainteasers and puzzles, devised by GCHQ's very own code breakers. *The GCHQ Christmas Challenge* promotes teamwork, lateral thinking, and shows students the range of skills they might need to become a spy. [Click here](#) Lots of interesting/useful resources [here too](#)

Introduction To The National Cyber Force – Online Course

'Introduction to the National Cyber Force' is free to complete and will give you an insight into the National Cyber Force, the UK's defence and intelligence ecosystem, and related careers – [click here](#)

Resources from University College London (UCL)

Informed Futures - An online series of information and guidance sessions for Years 7 - 11. Four sessions will be held in the Autumn term, with topics ranging from A-Level and GCSE revision techniques to an introduction to university life and information on the subjects available. [Click here](#)

Grassroots Human Rights Project - An initiative aimed at fostering an understanding of human rights among school students. For Year 8 and 9 students, the sessions will cover human rights from both theoretical and experiential perspectives. Contact via UCL Law ram.sabaratnam.19@ucl.ac.uk

Policy & Practice seminars for Winter 2023/24 - For Years 10-13 featuring a fantastic line up of speakers in free to attend seminars. [Click here](#)

Online Parents' Conferences - The next in the series of online events for parents and carers of Year 12 students about your child's journey **from 6th Form to university**. Taking place in January 2024.

UCL Masterclasses - A range of online, subject specific hour long sessions for students in Year 12. Running weekly from 4-5pm, January 2024 - April 2024, these classes are designed to introduce students to subjects that can be studied at university.

Escape Studios – Unreal Engine 5

Unreal Engine 5 (UE5) is fast becoming the tool of choice for creative studios, so it's important to engage with it to meet the high demand. This is a jam-packed free tutorial on UE5 by tutors with Q&As who demonstrate how UE5 is used across animation, games & visual effects. [Click here](#)

Year 8-13 Prospective Medics – The Anatomy Club

The *Anatomy Club* is a 3-month after-school programme covering all 12 organ systems. The sessions run for 2 hours weekly, every Tuesday evening, led by two practising doctors. They cover the body systems in a fun and interactive manner by dissecting our virtual anatomy model. Also covered are diseases affecting the organ system and they try to solve anonymised real-life patient cases together.

The sessions are aimed at any students interested in Science and Healthcare who want to learn something outside of the school curriculum. The course suits all students aged 13 and above. Certificates will be provided for participation. Below are some further details:

DoctorsLive - Virtual Anatomy Club Weekly (February 2024 to April 2024) - Live Every Tuesday 6pm-8pm

1. Learn about the fascinating workings of the human body from the comfort of your home
2. Cover all 12 organ systems
3. Solve real-life patient cases, including history taking and anonymised scans
4. Live virtual operations - showing step by step how common surgeries are carried out
5. A chance for students to interact with practising surgeons and doctors
6. Each live session is recorded and can be accessed anytime

The entire three-month program, including handouts, recordings and certificates, is priced at £59 per student. For more information and to enrol, please visit the link: <https://doctorslive.co.uk/anatomyclub/>

News/Resources From The Institute of Mathematics

Maths in your Career

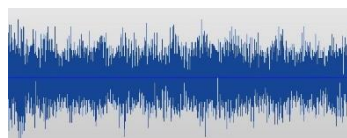
Interview with Dr Jackie Bell – Aspiring Astronaut and Senior Teaching Fellow

Jackie is a mathematician with a dream to become an astronaut - read about her [fascinating story here](#).

Career Profiles

Don't forget to also check out the [career profile section](#) of the MathsCareers website. Here you will find hundreds of examples of people who have gone on to work in a huge range of different sectors.

The Sound of Mathematics



Explore how sounds are made, and what kinds of sounds fit harmoniously together in this new article by Professor Sarah Hart.

<https://www.mathscareers.org.uk/the-sound-of-mathematics/>

(Professor Hart is Gresham Professor of Geometry and Professor of Mathematics at Birkbeck, University of London.)

Dividing by Zero

Ever wondered about dividing by zero? Great video from Teacher and YouTuber Eddie Woo. [Click here](#)

The Simplest Maths Problem No One Can Solve - Collatz Conjecture

This is a problem which is easy enough to explain to someone at Primary School, and yet it still baffles the world's top research mathematicians. An incredible video with nearly 40 million views. [Click here](#)

The Salters' Institute – Chemistry Resources

Make your own delicious oat milk and discover how scientists are looking for ways to reduce greenhouse gases. By making simple changes to our lives, we can make a big difference to the world we live in and look after.

Don't forget to check out our range of free resources that bring to life the incredible world of chemistry and related sciences. [Click here](#)

Salters Chemistry Club - join Chemistry Club this December to explore the chemistry in history. It's all about preservation, from archives to mummification to statues. [Learn how to join here.](#)

Years 11-12 Chemistry Changemakers Award - The Salters' Institute encourages **students aged 16-17** to think on how chemistry can change our world for the better by creating a poster that identifies and tackles a societal issue within their community from one of the following themes:

- Travel and Transport
- Homes and Habitats
- Health and Lifestyle

The deadline to apply is 5 January 2024. [Click here](#)

Outreach From Balliol College, Oxford

Balliol College Insight Talks

Balliol will be running a series of online talks in spring 2024. These are aimed at post 16 students with an interest in science. Each talk will be given by an Oxford University post-graduate student, giving the audience an insight into their particular research specialis

Who is it for? Year 12 students who are studying science A Levels or other science qualifications. Passionate, motivated KS4 pupils looking to challenge themselves academically may also find these talks interesting.

All of our Insight Talks will be held online, between 16:30 and 17:30. Our talks on offer in 2024 are:

- Monday 8 January** Insight Into: Psychology and the Executive Functions of the Brain
- Wednesday 10 January** Insight Into: Animal sleep and Hibernation
- Wednesday 17 January** Insight Into: Gerontology — Studying Aging and Older Adults, What is it all about and why does it Matter?
- Monday 22 January** Insight Into: Animal Mimicry
- Tuesday 23rd January** Insight Into: Gender Bias in Science and Medicine
- Wednesday 24 January** Insight Into: Obesity — Causes and Treatment
- Monday 29 January** Insight Into: Flow Cytometry — Applications in Healthcare and Other Fields
- Wednesday 31 January** Insight Into: Infectious Diseases — Causes and Treatment
- Wednesday 7 February** Insight Into: the Neuroscience of Food and the Sensory Experience
- Wednesday 14 February** Insight Into: Traumatic Brain Injury — Causes and Treatment
- Thursday 14 March** Insight Into: Imaging Analysis in Neuroscience

How do I sign up to attend an Insight Talk?

To sign up for one or more of these talks, [please complete this form.](#)

Subject Specific Events and Support:

Biology

Who	What	When	Booking Information
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	Insight Into: Animal sleep and Hibernation	Wednesday 10 January	See Insight Talks at the top of this Bulletin
	Insight Into: Animal Mimicry	Monday 22 January	See Insight Talks at the top of this Bulletin
Computer Science			
Who	What	When	Booking Information
<i>Students interested in Computer Science</i>	Computer Science Department outreach events	Updated regularly	Computer Science Department outreach events
<i>Y11 students (Scottish S5 or NI Y12) of Black and mixed heritage who self-identify as female or non-binary, from state- funded schools in the UK</i>	Discover Computer Science (formerly known as ReadySetCode)	January – March 2024	Further information and applications
Chemistry			
Who	What	When	Booking Information
<i>Age 16-17 (year 12), Age 17-18 (year 13)</i>	Live online lecture -Schools Christmas Chemistry Conference - A Quantum Christmas Robin	12 Dec 2023 15:45 - 16:45	Further information and booking
	Insight Into: Flow Cytometry	Monday 29 January	See Insight Talks at the top of this Bulletin
<i>Teams must consist of 3- 5 students who attend the same school. The competition is intended for Year 12 and 13 students but younger students may participate as well.</i>	Chemistry Race 2024	Saturday 10th February 2024	Further information and booking
<i>State school A level (or equivalent) Chemistry students and teachers</i>	Ask a Chemist Q&A series	Now complete, but recordings are available	Further information and videos
<i>Anybody interested in Chemistry</i>	What's On - Oxford Chemistry	Continuous	NA
<i>Royal Society of Chemistry – Women interested in Chemistry</i>	Power Up Challenge - Women in Chemistry	Continuous	More information and booking
Economics			
Who	What	When	Booking Information
<i>A Level Business Studies and Economics students</i>	Online Lecture series What	4th March 6th March	Further information

	Economists Really Do	20 th May	
Engineering			
<i>Who</i>	What	When	Booking Information
	Insight Into: Flow Cytometry	Monday 29 January	See Insight Talks at the top of this Bulletin
<i>Uncover for girls</i>	Uncover Engineering: Year 10 Residential Programme	2 to 5 April 2024 Applications are open now until 22 December at 5pm.	Further information and booking
<i>Uncover for Black African and Caribbean heritage Students</i>	Uncover Engineering: Year 10 Residential Programme	9 to 12 April 2024 Applications are open now until 22 December at 5pm.	Further information and booking
English			
Who	What	When	Booking Information
<i>Entrants should be in Year 12 (or equivalent) at their school or college.</i>	Rex Nettleford Prize for Year 12 Students: Essays on Colonialism and its Legacies	Essays must be received by midnight on Friday 15th March 2024.	Further information and Entrance
<i>Teachers interested in starting a book club for their school</i>	10 Minute Book Club	Continuous	Further information
<i>Aimed at anyone over about eleven years old.</i>	Virtual Chaucer: a new project using AI	Continuous	Further information
Geography			
<i>Who</i>	What	When	Booking Information
<i>Year 12 students interested in Geography at University</i>	Oxford University - Geography Department Open Day	Monday 10th June	Further information and booking
History			
Who	What	When	Booking Information
<i>Anybody interested in History</i>	Oxford Historia Lectures 2024	Jan 2024	Further information and sign up for live sessions
<i>UK state school students currently studying in Year 12 or equivalent.</i>	History of Art Taster Day	Thursday 15 February 2024, 10:00 – 16:00	Further information and booking

		Applications close 17:00 on Friday 12 January 2024	
<i>History teachers</i>	Oxford Historian Talks for Schools	Continuously	Find out more
<i>State secondary school, sixth form and FE college pupils in years 12 & 13 from across UK.</i>	Online History Skills Workshops	Various events.	Find out more and sign up to events here
<i>Anybody interested in History</i>	Oxford Historia Lectures 2023	Recordings continuously available	NA
Materials Science			
<i>Who</i>	What	When	Booking Information
<i>Teachers who are interested in developing their teaching of Material Sciences</i>	Materials Science Techer CPD Workshop & Lecture	12 Jan 2024 13:30 - 17:30	Further information and booking
Maths			
Who	What	When	Booking Information
All female and non- binary students at UK schools.	It All Adds Up 2024 Year 9 Day	8 th January 2024	Further information and booking
All female and non- binary students at UK schools.	It All Adds Up 2024 Year 10/11 Day	9 th January 2024	Further information and booking
All female and non- binary students at UK schools.	It All Adds Up 2024 Year 12 Day	10 th January 2024	Further information and booking
Medicine			
Who	What	When	Booking Information
Pupils aged 16-18 who want to study healthcare-related subjects at university	An Introduction to Evidence- Based Health Care. (Webinar)	Thursday 7 th December, 4:30- 6:00pm.	Further information and booking
students in years 11 and 12 who are interested in studying medicine at university.	Oxbridge Medicine Admissions Workshop 2023	Saturday 9 th December at 10:00 - 14:30. Deadline to complete form is Thursday 7 th December at 20:00.	Further information and booking
	Insight Into: Gerontology — Studying Aging and Older Adults	Wednesday 17 January	See Insight Talks at the top of this Bulletin
	Insight Into: Gender Bias in Science and Medicine	Tuesday 23rd January	See Insight Talks at the top of this Bulletin

	Insight Into: Obesity	Wednesday 24 January	See Insight Talks at the top of this Bulletin
	Insight Into: Flow Cytometry	Monday 29 January	See Insight Talks at the top of this Bulletin
	Insight Into: Infectious Diseases	Wednesday 31 January	See Insight Talks at the top of this Bulletin
	Insight Into: Traumatic Brain	Wednesday 14 February	See Insight Talks at the top of this Bulletin
	Insight Into: Imaging Analysis in Neuroscience	Thursday 14 March	See Insight Talks at the top of this Bulletin
Anybody interested in Medicine at a competitive university	Springboard Video on T cell vaccine immunology	Continuous (recorded videos)	Part 1 Part 2
Modern Languages			
Who	What	When	Booking Information
Different competitions for different age ranges	Oxford German Olympiad 2024	Closing date for all entries is Thursday, 7 March 2024 at 12 noon.	Further information and submission
Music			
Who	What	When	Booking Information
Anybody interested in Music at university	Music Outreach at Oxford	Variou events	NA
Physics			
Who	What	When	Booking Information
Physics teachers	Oxford Physics Talks for Schools	Continuously	Find out more
Aspiring Physicists from year 11 and above	Projects and Mentoring with the Oxford Physics Department	Continuous events	More information
UK students in Year 10 at state (non-fee-paying) schools, studying A levels (or equivalent) in Physics and Materials Science)	Year 10 Materials and Physics Taster Morning	Tuesday 9 th January 2024	Further information and booking
	Insight Into: Flow Cytometry	Monday 29 January	See Insight Talks at the top of this Bulletin
Psychology / Neuroscience			
Who	What	When	Booking Information
	Insight Into: Psychology and the Executive Functions of the Brain	Monday 8 January	See Insight Talks at the top of this Bulletin
	Insight Into: the Neuroscience of Food	Wednesday 7 February	See Insight Talks at the top of this Bulletin

	Insight Into: Traumatic Brain Injury	Wednesday 14 February	See Insight Talks at the top of this Bulletin
	Insight Into: Imaging Analysis in Neuroscience	Thursday 14 March	See Insight Talks at the top of this Bulletin
Sociology			
Who	What	When	Booking Information
	Insight Into: Gender Bias in Science and Medicine	Tuesday 23rd January	See Insight Talks at the top of this Bulletin
Service Children			
<p>Teachers with responsibility for supporting pupils in receipt of the pupil premium may be interested in using the Thriving Lives Toolkit which addresses ways to support the children of service personnel. Further support is available through your nearest hub.</p> <p>Connected Forces The project is an opportunity 16-19-year-olds from Armed Forces families across the UK from to make friends, keep in touch with those who have moved away, and mutually support each other through shared experiences.</p> <p>Young people who want to find out more can sign up here:</p>			
Non-course- specific programmes and events Astrophoria Foundation Year			
<p>Oxford's Astrophoria Foundation Year is a one-year foundation programme for UK state school students with significant academic potential, who have experienced severe personal disadvantage and/or disrupted education which has resulted in them being unable to apply directly for an Oxford undergraduate degree programme.</p> <p>Students will apply for their chosen degree course with a foundation year (for example Materials Science with Foundation Year). During the foundation year they will follow one of the following courses:</p> <ul style="list-style-type: none"> • Foundation Year: Chemistry, Engineering and Materials Science (CEMS) • Foundation Year: Humanities (in Classics, English, History, Theology) • Foundation Year: Law • Foundation Year: Philosophy, Politics and Economics (PPE) <p>Applicants to our Astrophoria Foundation Year will submit their UCAS application in the January of the year of entry.</p>			
Super-Curricular Resources for Students			
<p>Our Springboard videos are designed to introduce students to a range of topics related to A Level and Degree Level study. Each has been designed and produce by our graduate students and each contain activities and suggestions about further resources to explore the subject. Please note we will be adding more videos on a rolling basis. Students need to answer a few short questions to access each video.</p> <p>These subject specific super-curricular guides which are available for most A Level and GCSE subjects, contain suggestions for exploring subjects further by watching, reading, listening and doing. Please tell us about any suggestion you have to add to these guides.</p> <p>Oxford University Digital Resource Hub – here you can find the best of our digital resources to support learning and exploration. They can help parents and teachers to feed the curiosity of growing minds and inspire them to think broadly.</p>			
Videos from Balliol College			
<p>Balliol College has a new Admissions Video, highlighting what our students think about college life and why Balliol may be the perfect choice for Oxford applicants.</p> <p>In this video, Balliol tutors talk about undergraduate study, sharing insights into how tutorials work as well as the qualities they are looking for in prospective applicants.</p> <p>In this video, a third-year medical student gives prospective applicants a tour of Balliol, showing the Lodge, Library, Hall, Chapel, Junior Common Room and quads as well as undergraduate accommodation at the Broad Street site and in the new accommodation blocks at the nearby Master's Field site.</p>			

BBC Archive/iPlayer/Sounds

Don't forget the vast BBC archive for fantastic background research for exploring subjects in depth. For example, on Radio 4, *The Reith Lectures* are currently in full swing (*Our Democratic Future* from Ben Ansell, Professor of Comparative

Democratic Institutions at Nuffield College, University of Oxford), *All In The Mind* (psychology) *Inside Science, In Our Time* (history), lots of maths programmes - some featuring Simon Singh, *The Infinite Monkey Cage* (physicists) etc etc. Fantastic for EPQs!

Outreach from Imperial College, London

Year 10 STEM Futures Programme 2023/24 - Applications Now Open

STEM Futures is a multi-year programme of activities and support for students of Black heritage who are interested in STEM (science, technology, engineering, mathematics and medicine).

This programme has been developed to support students to discover the wide range of subjects within STEM studies and to help them to get into university.

Students can join the programme in year 10 – and the programme is designed to be relevant at whatever point in their school studies that they start. Find out more at the [STEM Futures webpage](#).

Applications close TODAY for Year 10 on Wednesday 6 December 2023, queries email stemfutures@imperial.ac.uk

Year 12 Levelling Up Programme 2023/24 - Applications Now Open

Levelling Up supports students with their Chemistry and Physics A-Levels and university applications during Years 12 and 13. You'll take part in a range of online academic tutorials, sessions to support you in your transition to higher education, and additional activities hosted by Imperial and other participating universities and partners.

All tutorials and sessions will take place online throughout the twelve month programme, with an in-person launch event taking place on a Saturday at Imperial's South Kensington Campus.

To find out more, including eligibility criteria and how to apply please visit the Levelling Up webpage.

Applications close on Thursday 11 January 2024. Preference will be given to applicants who do not live near London. For any queries please email levellingup@imperial.ac.uk.

University College London (UCL)

Various initiatives for Years 7-11 – although check eligibility criteria. [Click here](#) for the *Informed Futures* outreach page.

Engineering At Home

For parents/carers – from *The Smallpiece Trust* – experiments that can be completed at home [Click here](#)
Challenges can also be viewed on YouTube.

Arkwright Engineering Scholarships

Year 11 had an assembly presentation before half-term on the Arkwright Engineering Scholarship. Apart from the cash prize, it's fantastic to put on a CV or any future personal statement whether it's an apprenticeship or university application. Anyone studying a STEM subject at A Level may apply. **Applications are now open and close in January**. [Click here](#)

Uptree Courses

Uptree online courses offer an immersive learning experience that will empower you to excel in your academic and professional endeavours. They have just launched a new [Introduction to the National Cyber Force](#) course plus, check out the courses with [J.P. Morgan](#), [Arm](#) and [ATAC](#). For events, jobs and placements [look here](#)

Free Resources From STEM Learning

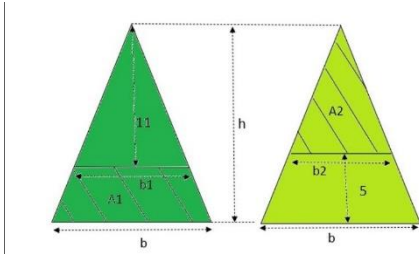
To support parents and carers, our subject experts have put together a selection of activities and materials, which are free for everyone to access. [Click here](#)

General/Competitions

12 Top Tips for Children & Young People to Enjoy a Tech-Free Christmas!

Here are some suggestions for keeping a handle on device use over the holidays, so your family can be truly together this Christmas! [Click here](#)

From Institute of Mathematics



In these two isosceles triangles the shaded areas are equal (i.e., $A_1 = A_2$).

What is the height, h , of the triangles?

Send your answer to mathscareers@ima.org.uk providing your name and school/college/university. You do not need to send in your methods, a final answer is enough. If you win we will ask you for a postal address.

There is no age limit for entry, but you must currently be studying at a UK school/college/university to enter.

Rotary Young Musician 2023

This competition is for young performers and takes place on Saturday 20 April at Bishop's Stortford College. There's a Junior, Intermediate and Senior Class for brass, woodwind, strings (including guitar), piano and vocal.

Deadline for entries is 9th March. For more information, please contact the organiser: margaretwebb01@gmail.com

See posters around school.

BAFTA Young Game Designers

The BAFTA Young Game Designers Competition is open again for entries.

Enter for a chance to win a BAFTA YGD Award, along with once-in-a-lifetime experiences with top game makers and industry professionals. If you're 10-18 years old, BAFTA's Young Game Designers opens a world of creative opportunities and supports you on your journey into making great games. *Deadline: Monday 4 March 2024*

[Click here](#)



*Wishing you all a
Very Merry Christmas and a
Peaceful & Happy New Year*

**Claire Jonas, Careers/Events,
The Bishop's Stortford High School**

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