

## 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](mailto:claire.jonas@tbshs.org)**

## Special Announcements

### **\*\*\* PROSPECTIVE MEDICS/NURSES/PSYCHOLOGY STUDENTS \*\*\***

#### **Years 11-13 Summer Volunteering Opportunity – CUH (Addenbrooke's Hospital)**

This is an opportunity for students aged 16-18 to take part in a volunteering programme over the summer holidays. As volunteers on the *Young Person's Programme* (YPP) students will undertake a 'ward helper' role, spending time chatting and socialising with patients as well as offering a range of services including activities and refreshments to improve the quality and comfort of their time in hospital. They will also participate in a series of virtual 'Healthcare Information Sessions' which run each week alongside the volunteering and give volunteers the opportunity to hear interactive talks from a range of clinical and non-clinical professionals from Addenbrooke's about their roles and specialities. The Summer 2024 cohort of the YPP will run for 6 weeks, commencing **Monday 15<sup>th</sup> July 2024**, and students will be required to complete 2 volunteering shifts per week (Mon-Fri), each of 2 hours in length. Shifts are either 11:00-13:00 or 14:00-16:00 and days/times will be allocated based on students' availability.

Students must complete **at least 20 hours of volunteering** (i.e. 10 out of a possible 12 shifts) in order to 'complete' the programme, meaning they can take up to 1 week off for holidays. However, they must be available to volunteer during the induction/training week, commencing **Monday 15<sup>th</sup> July**, as well as for a pre-placement induction session on **Friday 12<sup>th</sup> July**. Those who complete the programme will be awarded a certificate, badge, and reference letter, as well as the opportunity to progress and train as mentors for future generations of YPP volunteers.

**Applications for the summer programme will be open from 11<sup>th</sup> March – 3<sup>rd</sup> April via the purple 'Apply here' button on the website: <https://volunteering.cuh.org.uk/>**

There is a short online form to complete, and successfully shortlisted applicants will be invited to attend an in-person interview during the week commencing **Monday 15<sup>th</sup> April**. *Students must be aged 16 or above at the time of applying* in order to be considered for the role, as all prospective volunteers are required to complete a DBS check and this cannot be performed on under 16s.

## 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' is upon us and bulletins will highlight occasional openings as they arise, however, students should research opportunities continuously***

### **GCSE School Leaver - Local Engineering Apprenticeship**

Manchester Airport Group (MAG), are currently advertising for an engineering apprenticeship at Stansted Airport. Click the link for more information. [Engineering Apprentice \(magairports.com\)](https://magairports.com)

### **Transport For London Apprenticeships – GCSE School Leaver (Level 2)- A Level School Leaver (Level 6)**

TFL have numerous roles available – take a look – [click here](#)

### **Dixon Wilson Tax Apprenticeships**

Dixon Wilson is one of the UK's leading accountancy firms based in the City of London. They specialise in providing accountancy, audit, tax advice and strategic planning to private clients, companies, entrepreneurs and their businesses. **Closing date: 30<sup>th</sup> June.** [Click here](#)

### **ASK Webinar: How to Impress in the Application Process - Thurs 21st March 2024, 3:30pm**

Want some top tips from current apprentices and apprentice employers? Hear directly about the best ways to impress in the apprenticeship recruitment process. [Click here](#)

### **Success At Schools**

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

### **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**

### **Local Colleges – Open Events**

**Year 10 Students – Open Event at Long Road College** Students and their families are invited to join staff at Long Road College **Open Evenings on Tuesday 2<sup>nd</sup> & Wednesday 3<sup>rd</sup> July 2024**. The event is also open to any Year 11s who would like another chance to visit the college with their families before making their final post-16 decision in August. To ensure that the event is safe and enjoyable for all visitors, attendees need to book a ticket. Booking is now live and tickets can be booked by going to the website:

<https://www.longroad.ac.uk/page/?title=Open+Evenings&pid=165>.

**Harlow College: Wednesday 24<sup>th</sup> April 5pm – 8pm** - Showcasing Vocational courses, A Levels, T Levels, Apprenticeships, HTQs, SEND and Adult & Part-time courses.

Tickets are available on Ticket Source: <https://www.ticketsource.co.uk/harlow-college/e-rapxqa>

**Stansted Airport College: Wednesday 1<sup>st</sup> May 5pm – 8pm** Showcasing range of professional and technical courses as well as our unique relationship with London Stansted Airport and their employers based at the Airport. Tickets are available on Ticket Source: <https://www.ticketsource.co.uk/harlow-college/e-oqlmyv>

### **Year 13 – Sidley Undergraduate Legal Bursary**

If Year 13 and holding an offer to study law at a UK university, you could be eligible to apply for *Sidley's* Undergraduate Bursary programme. As part of our ongoing commitment to increasing diversity at Sidley and in the wider legal profession, the bursary programme will **provide financial support to talented law students from less advantaged backgrounds** for the duration of their undergraduate study. The scheme will also **guarantee work experience and mentoring opportunities** for up to five successful candidates. [Find out more here](#)

### **London Fashion Academy**

The world famous pioneer of handmade luxury shoes & Creative Director of the London Fashion Academy, Professor Jimmy Choo, invites aspiring fashion design innovators to develop their own style at his brand new Academy. Fulltime & short courses including Foundation plus an April open event. [Click here](#)

### **Higher Technical Qualifications (HTQ) Webinar For Parents/Carers**

The webinar on 24th April at 6pm will help parents and carers to understand and explore Higher Technical Qualifications (HTQs) and the opportunities they present. [Click here](#)

### **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.

### **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](#)

### **Lots Coming Up - 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 – even if you don't fancy studying 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.

### **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](#)

## **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***

## **Operation Wallacea**

For prospective environmentalists, conservationists, biologists, botanists ..... *Operation Wallacea* hosts field trips, on-line courses, volunteering opportunities both at home and abroad – plus there's lots more to explore on the website. Difficult to ascertain just how much, but some costs attached. [Click here](#)

## **Maven's Summer Work Experience 2024**

Applications are now open. **Overview of Maven:**

*Maven* is a leading market maker and proprietary trading firm and technology firm. Unified ambition, meticulous risk management and a focus on advanced technology enable them to rapidly succeed in a highly competitive industry. Maven implements both fundamental and quantitative trading & market making strategies across global financial markets, utilising only the group's capital. We see ourselves just as much a technology firm as a multi-strat trading firm. **Work Experience Opportunity:**

Maven's work experience week offers first-hand insight into the day in the life of a Mavenite. The programme will focus on communication, employability skills and interview practice to prepare you for future recruitment processes. It will also provide you with a short-term project and work shadowing opportunities in one of Maven's business areas. This is a unique opportunity for 6th form students who are keen to find out more about Maven, and fire up their professional skills in a friendly and collaborative environment.

Application link: <https://link.colorintech.org/MavenSummerWork24>

## **Year 10 – Work Experience**

Please note, the deadline for handing in work experience placement information has passed. If you have yet to hand in any documentation, please do so as soon as possible. Many thanks.

## **Year 12 - Work Experience**

Students, parents & carers have received email information regarding the Year 12 Work Experience Programme. Letters/forms can also be found on the school website.

## **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. [Click here](#) Students in Years 12-13 have recently been sent the latest work exp & Insight opportunities. ***Students must seek permission from Head of Year before attending on a school day.***

# **Careers**

## **TOMORROW – Careers Webinar – Pilot**

The next HOP Webinar will explore the career of an Airline Pilot. The webinar will feature guest by Quamar Quazi – a First Officer with British Airways. It takes place tomorrow, Thursday (21<sup>st</sup> March) at the usual time (4.30pm). Quamar will share his experiences in engineering, the RAF Cadet Forces and now as a commercial pilot. Registration is now open via HOP. <https://www.hopinto.co.uk/virtual-employer-encounters/virtual-employer-encounters/>

## **Education In Chemistry - Forensic Science**

Crime-busting chemical analysis By Kit Chapman

From dog detectives to AI, discover the cutting-edge advances in forensic science.

## **Careers Information on Law - From LCN**

### **Meet the Lawyer WILLIAM MOORE – SHOOSMITHS**

"Data privacy and data breaches are frequently in the news, making it an exciting area of law. What's incredible is that 90% of all data on earth was created in the past two years."

[Solicitors' practice areas ENERGY & NATURAL RESOURCES – NORTON ROSE FULBRIGHT](#) [Holly Stebbing](#)

"Over the years, my work has included a real mix of court and arbitration, as well as expert determination, adjudication, mediation and all hybrid forms of dispute resolution."

[Meet the Barrister 4 NEW SQUARE](#) [Hannah Daly](#)

"Before I trained as a lawyer, I worked for three years as a strategy consultant with Accenture, focusing on commodity trading and risk management."

[The Oracle What should I wear to an interview?](#)

I've got a training contract interview coming up. I know I need to wear 'formal/business attire', but what does that actually mean?

## **Careers In Law**

*Success at Schools* have a very comprehensive law career zone, take a look – and don't forget the extremely useful Law Portal too. [Click here](#) and [here](#)

## **Year 9 Medicine/Dentistry Discovery Sessions**

Year 9 students can find out more about medicine, dentistry and the alternative science/allied-health subjects through Queen Mary University Year 9 Health Careers Discovery Sessions. These online sessions aim to give students interested in science/healthcare careers the chance to learn more about the opportunities available to them. Dates for the sessions are:

Tuesday 26 March, 5:00 – 6:00pm: Meet the Healthcare Professionals

Please note that there is no selection procedure for these webinars so any interested student can book onto them.

[Please click here](#)

## **How I Aced My Online Interview**

Amirreza Nanaei is a second year MBBS student from Iran, who excelled at his online interview at the start of the pandemic in 2020. He's now studying Medicine at the University of Central Lancashire in North West England. Read [his tips here](#)

## **Prospective Medics**

From *Medicmind*, come these excellent tips on the UCAT.

[How do universities use the UCAT?](#) While the UCAT is an important component of the application process, universities have **different approaches to interpreting UCAT scores**. In this article, we will discuss how universities use UCAT scores to make admissions decisions.

## **Career Development Institute**

*Operating Theatre Live* is coming to Bishop's Stortford College on 1<sup>st</sup> May and prospective year 12 Medic students are invited to join in to experience a live surgical operating theatre, hands on dissection and surgical procedures. This is a full day event (9am – 3pm) and will be fantastic preparation for those looking to make a Medicine application. Spaces are limited and will be allocated on first come, first served basis. Full details of the experience can be found here: [Operating Theatre Live](#). **Year 12 Medics have been emailed by Mrs Price. Please ensure you respond ASAP if you wish to put your name on the list.**

## **CUH (Cambridge University Hospital) Careers Day**

CUH is inviting you students to come to their Careers open event on Saturday 18 May 2024 on-site. There will be experts from different areas in the Trust for people to talk to and learn about their experiences in the healthcare setting as well as non-clinical roles. Please see this link for more information and to register: <https://bit.ly/CUHEvent>

## **Engineering News From Neon**

Explore the world of engineering careers this **National Careers Week** with new experiences and case studies on Neon. Where could engineering take you?

## **Careers In Banking, Finance & Accountancy**

Banking and finance are to do with borrowing, saving and investing – whether that's in the form of a mortgage to buy a house, a pension fund or the large sums of money invested by businesses and public bodies. Accountancy is about keeping track of an organisation's money.

There are two types of banking. **Retail banking** refers to the so-called 'high street banks' where you, your family and businesses keep their savings and apply for loans. In this area of work, you could work as a cashier, mortgage advisor or **branch manager**. **Investment banks** help individuals, businesses and other organisations make money from financial markets by investing in stocks and shares and other financial products. You could work as a market trader, fund manager, **investment analyst** or **stockbroker**.

**Accountants** keep track of an organisation's finances. Specialisms include tax accountants, who work out ways for companies to save money on tax while paying what they owe. Management accountants advise on decision-makers on their financial plans. **Auditors** independently check company accounts.

Check out the Accountancy and Banking & Finance Career Zones for information about these areas of work, many more jobs and guidance on what it takes to succeed. [Click here](#) and [here](#)

## **Parent/Carers Virtual Open Evening – Discover Creative Careers – 18 April**

Did you know that the British creative industries are booming? Find creative career opportunities and feel inspired to go after them. **Speakers for Schools** are delighted to be partnered with the *Discover! Creative Careers* programme led by *ScreenSkills* and supported by employers from across the creative sector to deliver this virtual Open Evening. They will showcase careers in creative tech, film, animation, design, music, fashion, publishing, architecture, crafts, heritage, museums, galleries and more. Young people will be able to access 3-5-hour insight days and longer work experience placements, 1-hour industry spotlight career talks and inspirational talks with speakers – all advertised on the Speakers for Schools website. [Click here](#) to register.

## **Free Webinars For Parents/Carers**

The webinars are designed to help parents/carers supercharge their child's career potential.

### **Competing for Corporate Careers**

**TODAY** Wednesday, March 20th, 7-8pm (UK time)

Gain insights from industry professionals on diverse corporate opportunities and learn how to support your child's

entry into the field.

### **Effective Leadership & How to Follow**

Wednesday, 27th March, 7-8pm (UK time)

Learn strategies for skill development and discover how to nurture your child's ability to lead and follow effectively. If parents/carers are unable to join the sessions live, you can still register for the event to receive the recording.

### **Imperial College, London Meet the Researcher**

The *Meet the Researcher* webinar series returns - it started on 21 February 2024.

Have you ever wondered what researchers at Imperial actually do? Meet the Researcher webinars allow you to find out how our researchers got to where they are now, what excites them about their field of research and what their current projects are on.

Each live webinar features one of Imperial's researchers talking about their academic and research journey so far and you'll have the chance to ask them any questions you have.

First up is **Civil Engineering graduate** Abdirahman who now works in the structural engineering industry. Join Abdirahman for their webinar this Wednesday.

These webinars are aimed at students in Years 12 and 13 but everyone of all ages are welcome to register and watch at 16.30-17.30 pm on the following dates:

Wednesday 27 March

Wednesday 29 March

[You can also watch last term's Meet the Researcher series here.](#)

### **All Years - New Careers Quiz**

Here is *The InvestIN Career Quiz!* By answering a series of expertly crafted questions, students unlock a personalised report that unveils an industry aligned with their skills and interests. [Click here](#)

### **A Guide to Career to Options 2024**

This guide is full to the brim with career and application advice for students. You can download the online version of the free guide [here](#).

### **Careers Website**

Explore and find out about careers using this website – lots of useful tools. [Click here](#)

### **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.

### **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*.

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

### **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](#)

### **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

Discover diverse tech roles in our TCS **Industry Spotlight**. Gain career insights and tips. Open to all, with a special welcome to girls and non-binary students. Let's reshape the tech landscape together!

**Thursday 21st March | 02:00pm - 03:00pm | KS3-5 / S1-6**

#### [Sign-up](#)

Explore diverse careers in video games with British Esports Community Manager, **Emma "Emzii" Rose**. Discover industry insights, pathways, and challenges.

**Friday 22nd March | 10:00am - 10:45am | KS3-5 / S1-6**

#### [Sign-up](#)

Explore diverse careers in video games with British Esports Community Manager, **Emma "Emzii" Rose**. Discover industry insights, pathways, and challenges.

**Friday 22nd March | 10:00am - 10:45am | KS3-5 / S1-6**

#### [Sign-up](#)

Unlock education insights with expert **Hannah Wilson**. Explore diverse opportunities, gain guidance, and find inspiration. Don't miss out—register to shape the future of learning!

**Tuesday 26th March | 02:00pm - 02:45pm | KS3-5 / S1-6**

#### [Sign-up](#)

Join Industry Spotlight with **Richard Wasson**, UK Coastguard's Community Safety Lead. Discover his career journey, UK Coastguard's role, and pathways into this field.

**Monday 15th April | 10:00am - 10:45am | KS3-5 / S1-6**

#### [Sign-up](#)

Discover the sweet legacy of Cadbury chocolate, thriving for 200 years! Join our Industry Spotlight with Mondelez experts, **Martyn** and **Sophie**, to unravel confectionery careers and essential skills.

**Tuesday 16th April | 10:00am - 10:45am | KS3-5 / S1-6**

#### [Sign-up](#)

Meet **Grace Ishola**, Future Trainee Solicitor at Allen & Overy. Explore her passion for commercial law, career pathways, and essential skills for success.

**Wednesday 17th April | 02:00am - 02:45am | KS3-5 / S1-6**

#### [Sign-up](#)

## Resources

### Years 11-12 Launch Of Caius Explore Programme

*Caius College*, Cambridge is the school's 'link' Cambridge University College. The *Caius Explore* is an outreach programme aimed at helping students in Years 11 and 12 to develop their super-curricular interests. For this programme, academics at Gonville and Caius have designed tasks in many different subjects that are aimed at helping students to develop academic interest beyond the school curriculum. Students can choose one or many of these tasks to respond to, and are invited to submit their response to the college. The best students who authored



the best responses will then be invited to the college for a day of events and lunch with our academics/Directors of Studies.

Find out more: **Website:** [Caius Explore | Gonville & Caius \(cam.ac.uk\)](https://www.cam.ac.uk/caius)

**Social Media Video:** [\(14\)Caius Schools \(@caiuschools\) | TikTok](#) and [Caius Schools \(@caiuschools\) •](#)

[Instagram photos and videos](#) This programme is a fantastic way for students to structure their super-curricular activities that will be vital when applying for university.

### **Years 9-10 Caius Programme**

Caius College at Cambridge University are inviting able Year 9 and Year 10 students from Hertfordshire to take part in Caius 9&10, one of their online after school programmes for young people attending state schools in a link area.

Please note that students who took part when they were in year 9 last year should not re-apply, as this is the same programme. Information below:

**Deadline: Friday 22 March 2024**

The program will consist of a series of online after-school sessions. The students will receive both guidance and ideas on how to explore subject interests, and an introduction to studying at University. Students will also have the chance to talk to current Cambridge students and attend an online lecture.

Session 1, Wed 17 April 2024, 4:30-5:30pm: Introduction to studying at university and Oxbridge

Session 2, Wed 1 May 2024, 4:30-5:30pm: Exploring subject interests

Session 3, W/C 13 May 2024, 5:00-6:00pm: Taster lectures (one STEM lecture, one humanities)

Session 4, Wed 5 June 2024, 4:30-5:30: Student Life Q&A (life at university, clubs, societies)

Session 5, Wed 19 June 2024, 4:30-5:30: Session chosen by students

Students should register their interest by completing this short survey form. Please note, this form requires a digital signature from a parent/guardian/carer (this can be done on a touchscreen device or with mouse on a desktop computer) [https://cambridge.eu.qualtrics.com/jfe/form/SV\\_2srWC9yArjsCXXw](https://cambridge.eu.qualtrics.com/jfe/form/SV_2srWC9yArjsCXXw)

The deadline for signing up is **Friday 22 March 2024** and students will be notified by Monday 15 April 2024 whether they have been successful in gaining a place on the programme. Applications welcome from all students and they will prioritise applications from high-achieving students with a widening participation background (e.g. Free School Meals, living in care etc).

### **Education In Chemistry Articles**

#### **Using polluting red mud for greener metal production**

Transforming toxic mud into iron in a breakthrough for steelmaking sustainability.

#### **High levels of nanoplastics found in bottled water**

Unbottle the truth of what's inside your drinking water.

#### **Life cycle assessment of fast-food containers**

Examining the environmental impact of single-use takeaway packaging.

**READ MORE SCIENCE ARTICLES**

### **New Uptree Careers Guide**

*Uptree* has a brand new [Careers Guide](#); students will be able to explore the world of work, diving into six key industries. Each industry has been carefully selected to provide students with useful insights that will help you make informed career decisions.

### **Salters Chemistry News**

*British Science Week* is celebrating its 30th anniversary, and *Salters* have contributed an experiment to their Community Pack to explore the reaction times between vinegar and bicarbonate of soda, similar to the chemical reactions that occur in an animal's body whilst hibernating, [click here](#)

**Experiment of the Month:** This month *Salters* are taking inspiration from nature as they explore insulation. Take a closer look at how scientists are inspired by certain animals when looking for innovative ways to insulate. Investigate how heat transfers and how we can slow down the process, [try it here](#)

**Zwittinger Podcast:** Next week is the final episode of Series 1 of the podcast *Zwittinger On*. Check out the latest episodes all about colour, recycling, flavours & cosmetics on [Spotify](#), [Apple Podcast](#), [Google Podcasts](#), [Amazon Music](#),

**World Health Day - Thursday 4 April 2024.** John Salters at Salters' Hall in the City of London to take a closer look at both yourself and the living world around you as they extract DNA from strawberries. There will be hour-long sessions at 10:30am and 1:30pm. [Book your tickets here](#)

## **Tips for Applicants of Nursing & Midwifery**

Applying for pre-registration Nursing and Midwifery courses can be a little daunting - from the personal statement to the interview. Here's an article that aims to demystify the application process for Nursing and Midwifery programmes at King's College, London (home to the world's no. 2 Nursing school & top in the UK), and in doing so offer some tips on putting together a great personal statement and excelling at interview. [Click here](#) to read the article.

## **Years 9-13 Pre-Med Projects**

Some courses are paid and some completely free, all include a certificate for use in med school applications and are ideal preparation for students applying for university degrees in medicine and those younger students too who may be considering the profession.

1) **Emergency Medicine Live on Sunday 24th March.** You can expect to learn about the treatment and management of major trauma and medical emergencies. With insights into pre-hospital and emergency medicine. [Students can see more information here.](#)

2) **Medicine Career Day Live Saturday 30th March.** An ideal day for students wanting to know all about the medical profession, learn about the personal statement for medicine, UCAT examinations and gain some work experience in the afternoon by helping to treat and diagnose patients. [Students can see more information here.](#)

3) **Medical Ethics Live, on Sunday the 7th April 2024.** It's vital to understand medical ethics when applying to med school and how to understand moral dilemmas and ethical questions doctors face every day. It's highly likely that you'll be asked ethics questions or face an MMI station designed to test your understanding of medical ethics so it's really important you understand some of the questions you will face at medical school interviews. [Students just need to register here.](#)

4) **Surgery Work experience Live taking place on Sunday 21st April 2024.** This interactive day is designed to give students a meaningful insight into careers in medicine and surgery. Students join a patient on their journey from initial presentation to diagnosis and treatment. The doctors will guide you through how they would conduct a surgical consultation, interpret signs and manage patients. [All the details available here.](#)

5) **Suture Like A Surgeon online Course. Sunday 12th May 2024.** Join the suturing masterclass where you will learn how surgeons effectively manage and assess acute wounds with suture closure. You will be sent a suture kit in the mail before the course starts so you can suture along with the doctors, learning first hand the various techniques needed to be a surgeon. [You can view all the course info here.](#)

**All courses have been created by doctors and provide outstanding work experience for you to use in your applications to medicine.**

## **Year 12 - Kings College, London – Widening Participation**

*The London Meds School Summer Programme, run in partnership with Queen Mary University of London, St. George's University of London and UCL, is now open for applications. There are 75 places for Year 12 students who live outside of London and the main programme runs from Monday 15th July - Friday 19th July on Zoom. [Click here to find out more information.](#) Students can [sign up by completing this form.](#)*

**Health Education, England - Medicine & Dentistry - Health Education England** has funded seven additional summer schools via the universities of Newcastle, Manchester, Leeds, Sheffield, Plymouth, Edge Hill, Lancaster, Liverpool, Manchester (all medical), Birmingham & Liverpool (dentistry). [Click here to find out more information about each opportunity.](#)

## **Year 11 – Revision Online**

Engaging online session designed to help GCSE students increase their grades for Science GCSEs.

**Not just for potential vets/science students - everyone studying GCSE science is welcome.**

On Tuesdays until March 26th at 4-5pm - students can join after the start if necessary

Science career inspiration followed by exam subject knowledge

Ideal for GCSE - but other year groups welcome to attend

Webinar format - you can type anonymous questions and won't be seen on screen

[Find out more](#)

## **GCSE Online Revision**

The RVC are based in Hertfordshire and have an amazing FREE online GCSE revision programme that offers careers insight talks and then leads into revision for GCSE Science every Tuesday – it started yesterday.

This will run on Tuesday afternoons between 4pm and 5pm finishing on 26th March 2024. Designed to help students increase their grades for Science GCSEs (and will also be a useful revision for A Level/BTEC students).Covering

Biology, Chemistry and Physics key topics. Students who sign-up and attend have the opportunity to win prizes in competitions and gain access to more visits in person to RVC. Find out more and sign up as and when, [click here](#)

### **Imperial College London – Outreach**

**STEM in Action is an online resource** with five themed modules that include videos and activities that can be done at home or in school. Explore all the modules and learn about how scientists and engineers at Imperial College London are working to better our world. For more information, please see **Outreach Programme FAQs**.

### **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](#)

### **Uptree**

Do make sure you are signed up to *Uptree* – fantastic resources, work experience & insight days.

## **General/Competitions**

### **Years 7-8 Young Songwriters Competition**

Are you an aspiring young songwriter keen to showcase your talent? The first ever *Stortford Young Songwriters Competition* is now open for entries. The age limit is 13 years and the competition is open to anyone attending schools in Bishop's Stortford and the surrounding area including Stansted Mountfitchet & Sawbridgeworth. You can enter solo, or in a band, or as a class year group. Category winners will secure a song writing scholarship with *De Rosa Music Academy* and studio recording experience. For more info and to submit your entry, visit the competition website at [www.stortfordsongwriters.or](http://www.stortfordsongwriters.or). Entries close on 24<sup>th</sup> May.

### **RCSU Science Challenge 2024 - Hidden Depths/Imperial College, London**

#### **For secondary school students in Years 10-13 and their Teachers**

*The Science Challenge* is back for another year of giving young scientists the opportunity to show off their science communication skills.

#### **What is the Science Challenge?**

**The Science Challenge** is the *Imperial Royal College of Science Union's* annual science communication competition. It gives young scientists the opportunity to develop the skills to talk about science in a way that is engaging and fun to people who don't necessarily have a science background.

The competition involves producing a short piece of science communication, in either written or video format in answer to **one of five questions set by the guest judges**.

#### **Who can get involved?**

The competition is open to school students in their last four years of secondary education.

#### **Key information**

The competition is now open for entries and will **close at 5pm on Friday 26 April 2024**.

This is an individual competition so team entries we will not be accepted this year.

Entries are short pieces of science communication, written entries: 1000 words, video entries: maximum 3 minutes 30 seconds.

#### **Why should your students enter?**

It is an opportunity for students to engage with science beyond the traditional syllabus and is an opportunity for teachers to enrich their taught curriculum.

Students will have the chance to develop the skills to communicate science in concise, engaging, fun, and creative ways; a crucial skill for all careers in STEM.

Students will be challenged to think about science in a wider context, to see where the topics taught at school fit in the bigger picture.

Students will learn the importance of science communication, how misguided communication impacts the public perception of science, and how they can communicate effectively.

Non-cash prizes this year include a tour of the House of Lords, publication of the winning written work and many other exciting prizes. For more information contact [science.challenge@imperial.ac.uk](mailto:science.challenge@imperial.ac.uk).

### **Years 12-13 The National Trust Time and Space Award 2024/Imperial College**

Do you have a world-changing idea? If you're aged 16 and up the National Trust want to hear your big idea and give

you the chance to bring it to life at Sir Isaac Newton's home, where he discovered gravity.

*The Time + Space Award* has been inspired by what Newton called his 'year of wonders'. Forced to leave university and return home because of a pandemic in 1666, he used this time to explore his ideas on calculus, optics and the laws of motion and gravity.

This award will give you the time, space and opportunity to explore your big idea in one of four areas – science, art and culture, society and nature and climate. A panel of experts from the fields of science, creativity and culture will help you develop your idea and bring it to life.

To enter answer one of the following four questions:

How can science be more accessible and relevant to everyone?

Access to art and culture isn't equal. How can your big idea address the imbalance?

What's your big idea that would change society for the better, for everyone?

Nature and climate are in crisis. How can your big idea save them and help us break out of the echo chamber?

**Find out more about the competition and how to enter.** Entries close on 30 April 2024 and are open to anyone aged 16–25 living in the UK. Entrants under 18 will need permission from a legal parent, guardian or carer to apply

### **Energising Futures – 'Fix Fashion' Competition**

**What's it about?** The wasteful way we buy, use and dispose of clothes is having a huge impact on our environment but exciting innovations in science and technology are helping us move to a more sustainable future. In this competition, students become real-world problem-solvers as they fix fashion for themselves and the planet.

**Why should we enter** Discover the science of materials, climate and sustainability. Be intrigued and inspired by real-world case studies showcasing incredible scientific and technological innovations. Students become problem-solvers as they come up with their own creative vision for how to 'fix fashion for the future' and win amazing prizes.

#### **Who's it for?**

All students Years 7-9. For full competition Terms & Conditions download the delivery guide or competition entry form, [click here](#)

### **Design Your Own Energy Town**

Be as creative and imaginative as you can with your designs. What resources will your city use to generate electricity? How can you make it as green as possible? From *Equinor* comes this competition where there are some exciting prizes up for grabs and entering is easy. **Prizes:** A brand-new tablet for the winning pupil and a £1000 sustainability grant for your school. Closing date is 29<sup>th</sup> March. [Click here](#)

### **Years 7-9 Step Into The NHS – Fantastic Prizes**

This careers competition from the *NHS* is to help inform students of the hundreds of careers available within the organisation. Your task is to create a job advertisement. Closing date is 30<sup>th</sup> April. [Information here](#)

**Claire Jonas,  
Careers/Events,  
The Bishop's Stortford High School  
[claire.jonas@tbshs.org](mailto:claire.jonas@tbshs.org)**