

# 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)**

## 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**

### Cambridge Consultants

Part of *Capgemini Invent*, *Cambridge Consultants* is one of the world's leading product development and technology consultancy firms. Here are a few blogs from some of their engineers, which will be useful to those who may be considering a career in STEM or are unsure on the opportunities and careers available: [Apprenticeships at CC | Cambridge Consultants](#) Graduate opportunities also available [Tech scholar to graduate: Kick start your career at Cambridge Consultants](#) [Unlock your potential as a graduate at Cambridge Consultants](#)

### Years 10-13 Accenture Technology & Consulting Degree Apprenticeships – Webinar

*Accenture* have an interactive live webinar where you'll get to speak to the recruitment team and current apprentices about starting a career within consultancy or technology and how to make your application stand out.

On: **5th December 2023 at 6.30 – 7.30pm**

For: Students and parents of those in years 10 to 13.

Students who attend this webinar and stay for the duration of the webinar will be in the running to win a £50 Amazon Voucher. [Sign up here](#)

### Deloitte

There's a range of early careers programmes to suit a diverse range of candidates: the **apprenticeships** mean young people can bypass university and earn as they learn, gaining degree-level and professional qualifications as well as on-the-job experience.

**BrightStart Apprenticeship**

An **apprenticeship** with **Deloitte** offers the chance to leap into the world of professional services. Participants can earn and learn, gain professional and degree level qualifications, and help solve some of our clients' most complex problems, right from the start in areas such as **Audit & Assurance** to **Consulting**, **Tax Consulting** to **Technology**. Anyone interested should visit our careers site and apply now. [Click here](#) to learn more about the early careers opportunities

### **Apprenticeships Webinar – Dunhelm (Retail)**

*Amazing Apprenticeships* will be hosting a webinar with Dunelm to find out about their exciting apprenticeship programmes starting in 2024. For students, teachers/careers advisers and parents/carers, you can register [here](#) to find out more. It takes place on December 12<sup>th</sup> at 3.30pm.

### **Applications Open: Trainee Fire Control Operator Apprenticeship**

This is an opportunity to work in a small, highly trained team that answers vital 999 emergency calls for the Fire Service. The team mobilises fire appliances, specialist equipment and officers and takes an active part in a wide range of incidents.

**Job Title:** Trainee Fire Control Operator - Apprenticeship

**Location:** Stevenage

**Starting Salary:** £25,819 with the opportunity to progress to £34,415 pa

**Hours:** 42 per week (shift work)

**Contract:** Permanent

Applicants must be 18 years old at the time of starting the apprenticeship.

[Info & apply here](#)

### **Price Bailey Open Evening – Tuesday 5<sup>th</sup> December 6pm-8pm**

Discover the world of apprenticeships in accountancy and hear from employees currently on schemes - and learn about training, qualification and career support. Free parking on site, public car parks nearby. Free food and drink available on the night. Price Bailey Causeway House, 1 Dane Street, Bishop's Stortford CM23 3BT.

Sign up here: [p-b.link/schoolleaver-BishopsStortford](https://p-b.link/schoolleaver-BishopsStortford).

### **GSK Apprenticeship Jobs Fair – 6<sup>th</sup> December**

*GlaxoSmithKline (GSK)* is hosting another Apprentice Job Fair on Wednesday 6<sup>th</sup> December 2023. This is a fantastic opportunity to speak with current and ex-apprentices at GSK about the various apprenticeship schemes.

Find out more about the apprenticeships that GSK has to offer for September-2024. Some are for students who have completed their GCSEs, and some are for those with A-Levels/BTECs. Therefore, this event is primarily aimed at Years 10-13, but anyone who is interested in finding out more is welcome. There are two sessions 4.30pm-5.50pm and 6pm-7pm. Find out more about opportunities in Engineering, Manufacturing, Lab Science Chemistry, Lab Science Biology, Supply Chain & Logistics, Environmental Health & Safety, Project Management, Data Science and Digital & Technology Solutions. Register by **15<sup>th</sup> November**. Click here to register & sign up:

<https://forms.microsoft.com/r/sGrBDHCXsK>.

### **Latest Higher & Degree Listings**

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

Also a little late but **October's Parent/Carer Pack** is now available to download [here](#). In this month's edition, hear from apprentices working in Early Years and as Solicitors at Farrer & Co. You can also find out more about the 'The Big Ambition' survey, what's involved in a T Level Foundation Year.

### **Apprenticeships For Parents/Carers**

From *Amazing Apprenticeships* comes this guide full of hints & tips for parents/carers. [Click here](#)

**And the November's Parents and Carers Pack** is now available to download [here](#). In this month's edition, you can find out more about HTQs, T Levels, the Higher and Degree Apprenticeship Vacancy listing, apprenticeships in engineering and accounting.

### **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**

### **Years 10-13 University Preparation Programme (UPP)**

[University Preparation Programme \(UPP\)](#) short online course, has been designed for students to help give them a flying start when making decisions about applying to university and transitioning to life when they get there. The course is divided into six topics, covering everything from 'Education' to 'Life as a University Student'. Throughout the course, students will build their academic skills such as independent learning, critical thinking, problem-solving and a range of other skills that will help them to succeed at university. Learning through a mixture of lectures, articles, and quizzes online -students can study at a pace that suits them. Further information about the [University Preparation Programme](#) can be [found online](#), along with details of how to enrol on to the course.

### **Years 10-13 Local College Open Events**

Please see the College websites for information & registration.  
Capel Manor – 7<sup>th</sup> December 6pm-8pm (Virtual)

### **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***

## Year 12 Nuffield Research Placements

Experience practical research in action in summer 2024 plus take part in online module assignments designed to develop essential professional, research, data & numeracy skills. Apply now at [www.stem.org.uk/research-placements](http://www.stem.org.uk/research-placements)

### **Years 10-13 Cambridge Consultants**

Part of *Capgemini Invent*, *Cambridge Consultants* is one of the world's leading product development and technology consultancy firms. Each year for one week in August, they welcome a collection of passionate students from years 10 – 13 to their Cambridge office to gain hands on experience. If you're interested in the day to day life of a corporate role, or a curious STEM student who wants to help develop a piece of tech [Click here](#)

### **Years 11-12 February Pathways Work Experience – CISCO Business & IT**

**Three options now open:** For students who live close enough to travel to West London or Manchester there is an option of a hybrid week with the Monday and Friday in the office at Bedfont Lakes, Feltham or Didsbury, Manchester. The third option is fully virtual option. This programme runs 12-16 February 2024 and is a weeklong programme with the aim of showing students the range of jobs within a global IT company.

The programme doesn't require students to choose between technical or business as in addition to the mandatory parts of the programme they will be allowed to select the sessions that are of interest to them. You can find more information and apply on the [Cisco website](#) - click on apply now or apply using the links below.

Please note, the deadline for the applications is **Thursday 04 January**.

#### **How to apply:**

Apply for hybrid programme: Hybrid in Bedfont Lakes, West London office or Didsbury near Manchester office (2 days in office & 3 days virtual)

Apply for virtual programme - Fully Virtual – will close once full so apply early.

***You will need a device, preferably with a camera, to join the virtual meetings. A laptop is best, with a tablet and then a phone in the order of how to get the best experience.***

### **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**

### **Open Doors – Get Into Construction**

*Open Doors* takes visitors behind the scenes to showcase the fantastic range of careers available in construction. The event, which is delivered by **Build UK**, will return from **Monday 18 – Saturday 23 March 2024** with over 200 tour locations and experiences registering now to take part across Great Britain. The construction sites participating will range from houses to skyscrapers, and visitor opportunities will also include a wide range of virtual and online events, whilst manufacturing and training facilities will open their doors to demonstrate the off-site roles across the sector. [Click here to find out more](#) and [click here for the careers](#) page

### **\*\*\*TODAY \*\*\* RAF Careers – Virtual Session – Wednesday 29<sup>th</sup> November 7.30pm-9pm**

'Your Success; Our Mission'. Explore interactive 360 degree global operations, delving into the world of the RAF. Jump into 10 different themed chat rooms. Experts will answer inquiries about career paths, RAF lifestyle etc.

[Click here](#)

### **Careers In The Leisure Industry – Thursday 30<sup>th</sup> November 4.30pm**

With over 30 centres across Hertfordshire there are a wide range of jobs and skills required from the more obvious physical activity enabling roles to some of the business functions required too. In this webinar *HOP* explore these range of roles, discuss how they contribute to the needs of the sports, leisure and physical activity industry in Hertfordshire and the different pathways available to take. [Click here to register](#)

### **Years 12-13 Film/TV Careers – CrewHQ Wonka**

A forthcoming careers day in London is booked up but the good news is that the event will be live streamed on Tuesday 5<sup>th</sup> December 12pm-1pm. The session will showcase behind the scenes roles that help make the magic happen on screen. *Warner Bros CrewHQ* recognise there are many students that will miss out on this opportunity and are therefore offering you the opportunity to attend a live stream Q&A careers session on the day and it's available to

any school to book [here](#). Director/Screen and Story Writer Paul King along with Producers David Heyman and Alexandra Derbyshire and Costume Designer Lindy Hemming will be on the CrewHQ Careers Day award-winning panel hosted by British Radio and Television presenter Yinka Bokinni.

### **More About Being a Web Designer From Simpson Creative**

**The Website Design Process** - A new website project can be overwhelming, for new businesses, as can the redesign of existing websites for companies that already have a digital presence, so in this blog post SC discuss the website design process and break it down into easy-to-follow steps. With the right tools and team behind your project, you can create a visually appealing and functional website that will attract and engage users. [Read blog post here](#)

### **Careers In Visual Merchandising**

The following week, the HOP webinar will take place on **TUESDAY** (5<sup>TH</sup> December) but at the same time of 4:30 – 5:30. The theme is Visual Merchandising careers and there will be a Lecturer and Programme Manager from Herford Regional College who both have extensive experiences working in this field for well-known retailers such as Marks and Spencer and Ikea. Visual Merchandising feels particularly prominent at this time of the year with so many shops and retail outlets decked out for Christmas. Registration is now available on HOP for both webinars.

[Click here to register](#)

### **Year 10 Careers In Law – Opportunity**

*Young Professionals* are working with International law firm *Bird & Bird* to find their 2024 cohort of students for their Early Birds Pathway Programme. This is an opportunity for you to take part in a 7-year programme which will give you an incredible insight to the world of law, offer mentoring, work experience, workshops, a financial bursary and more.

*Bird & Bird's Early Bird Pathway Programme* is their flagship social mobility initiative to support, develop and equip young people with skills they need to achieving their career potential. It's a seven-year programme of skill-based and insight workshops, receive networking opportunities and general support and guidance. The programme starts with the *Early Bird Pioneer Programme* which is designed for students to gain an insight into the legal sector and the full range of careers available within the professional services industry, as well as prepare you with relevant developmental skills for a successful career.

**The first two years** of the programme Bird & Bird host workshops for the students, either virtually or at their offices. **In Year 12** they invite students to attend a work experience week at their London office. Students also have the opportunity to take part in the Social Mobility Business Partnership's (SMBP) Skills & Insight Programme the week after.

**At the end of Year 13**, students can: Apply for an Early Bird Scholarship to receive financial assistance for three years at university, a trainee mentor and a programme of further skill-based workshops and events. There is an eligibility criteria for this which students do find out more about.

Continue further studies, start apprenticeships or embark on a school leaver role but continue to be invited to our events, receive firm news and updates and be updated with early career opportunities as Early Bird Alumni.

The aim of the Early Birds Pathway is to help you kickstart your career in the legal sector by equipping you with all the key skills you need to fulfil your potential.

#### **Eligibility Criteria:**

Students who apply for the Early Bird Pioneer will need to meet the following eligibility criteria:

- Must be in Year 10;
- Must attend a state (non-fee paying) school.
- Must be the first generation in your immediate family to potentially attend university; and
- Should be on track to achieve at least 5 A grades or 5 Level 7 and above in GCSE, including English and Maths.

#### **You must also fulfil one or more of the below criteria:**

- Have been *or* are eligible for free school meals;
- Attend a sixth form college or school where more than 25% of pupils are eligible for free school meals;
- Spent time in local authority care; and/or
- Are, or have been, a parent or a registered carer.

If interested, please complete the below link as soon as possible.

<https://www.surveymonkey.co.uk/r/EarlyBirdPioneerProgramme>

### **The Law Portal**

For aspiring solicitors or barristers, *The Law Portal* is a vital resource. [Click here](#)

## **News From Law Careers Net (LCN)**

### **Solicitors' practice areas HOUSING/LANDLORD & TENANT – TROWERS & HAMLINS LLP - Yetunde Dania**

“My work relates to the tenant and landlord relationship, whether that’s bringing possession proceedings because someone’s breached their terms and conditions of tenancy, or applying for an injunction because of antisocial behaviour.”

### **Meet the Lawyer - RAVI PATTANI – REED SMITH**

“I’m quite sector agnostic in the deals I work on, so can be working on transactions in various industries, including media, real estate, energy and natural resources, and financial services.”

### **LCN Says - HOW ASPIRING LAWYERS CAN SUCCEED WITH NO LEGAL WORK EXPERIENCE - Ellie Nicholl**

If you’re still firing off applications with no luck, read this guide, which offers clarity on what you should be including in your applications if you’re short on practical legal experience.

### **Meet the Barrister - BLACKSTONE CHAMBERS - Antonia Eklund**

“I came to the Bar relatively late, after several years of non-legal work experience and having studied a master’s degree that wasn’t in law.”

## **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](#)

## **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](#)

## **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](#)

## 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
Thursday 30 <sup>th</sup> November  2-2:45pm	<b>What It's Like To Complete An Apprenticeship sponsored by VMO2</b>  Lauren West, Future Careers Senior Programme Manager, James Harwood, Senior Security Product Manager And Matt Short, Head Of Field Operations (South), Virgin Media O2 KS3-5/S1-6	Meet a panel of Virgin Media O2 leaders who are currently completing or have completed an apprenticeship where they will share more about their own journeys, the benefits of an apprenticeship and explore the concept of squiggly careers. Join us in this broadcast to hear from our leaders and ask questions to help you make the best decision for your future. Click <a href="#">here</a> to register
Wednesday 6 <sup>th</sup> December  2-2:45pm	<b>Career Hacks: Kelly Beaver, CEO, Ipsos MORI</b>  KS4-5/S4-6	Kelly Beaver is Chief Executive of Ipsos in the UK and Ireland. She has been with Ipsos for over a decade and was previously Managing Director of Ipsos's UK Public Affairs division. Kelly holds several honorary positions external to Ipsos in academia and charities. She is passionate about the use of evidence in decision-making and her roles outside of Ipsos enable her to make a wider contribution to the social sciences discipline in promoting its use. Click <a href="#">here</a> to register
Wednesday 13 <sup>th</sup> December  10-10:45am	<b>The Future of Architects: Maria Faraone, Director of the RIBA Studio, Royal Institution of British Architects</b>  KS3-5/S1-6	Maria Faraone's journey in the world of architecture is a testament to passion, dedication, and a relentless pursuit of excellence. Join her talk as she unveils the innovations, sustainability, and collaborative approaches shaping tomorrow's architects. Don't miss this chance to gain information on what this career looks like to help you figure out if being an architect is for you! Click <a href="#">here</a> to register
Thursday 14 <sup>th</sup> December  2-2:45pm	<b>'The Science is Just So Ridiculously Good.'</b> Professor Lloyd Peck, Polar Marine Biologist  KS3-5/S1-6	Dive into the extraordinary world of Polar Marine Biology with Prof. Lloyd Peck! Join his captivating talk, 'The Science is Just So Ridiculously Good.' Explore the wonders of icy ecosystems, cutting-edge research, and the thrill of discovery. Don't miss this chance to have a peek at the science and hear about marine biology as a career! Click <a href="#">here</a> 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***

### 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* have just started (*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!

### Ask The Astronaut – Tim Peake

This collection of 19 videos, gives the opportunity to interview British astronaut Tim Peake, who visited the International Space Station in 2015-16. Choose from a set of pre-selected questions put forward by students and



hear Tim Peake's pre-recorded answers to hear about anti-gravity, tea making and toilets aboard the International Space Station. [Click here](#)

### **Medic Mind Tips & Advice**

Oxbridge interviews are amongst the hardest a prospective medical student might have to negotiate. Even so, there's plenty of preparation you can do to give yourself the best chance of success – here are ten of *Medic Mind's* recommendations, [click here](#)

### **Medic Webinar: Empathy & Professionalism**

Watch this *You Tube* webinar recording for tips and advice on answering MMI questions on Empathy and how to stay professional during role-play conversations. [Click here](#)

### **From Education In Chemistry**

[Fixing the funeral footprint](#) By [Kit Chapman](#) - The role science can play in making burial, cremation and memorial more sustainable.

[Scientists discover the heaviest oxygen isotope](#)

Help learners delve into atomic structure and isotopes with this research context.

[Tackling global demand for lithium one string at a time](#)

Crystallising lithium salts on strings could be the key to supplying the vast volume needed for a net-zero world.

### **Alternative Pathways to Medicine & Dentistry**

**Join Medlink Students for a FREE Webinar - THURSDAY NOVEMBER 30TH 6PM - STUDY MEDICINE ABROAD IN ENGLISH 2024** The UK has implemented a new cap, resulting in a 32% reduction in first-year university places for Medicine compared to last year. Considering reapplying students from last year, the competition will be more intense than ever before. *Medlink Students'* free webinar provides information on alternative routes for studying Medicine or Dentistry in English abroad. Find out how you could gain a competitive edge over the 2000+ UK students who apply to study abroad every year. Learn all about:

- ✿ Popular universities abroad offering Medicine & Dentistry programs in English.
- ✿ Lower admission requirements, tuition fees & living costs.
- ✿ Using the degree to work in the UK, USA, Ireland & Australia

[Register for free here](#)

### **\*\*\* TONIGHT \*\*\* Years 9-12 Should I Become A Doctor – Free Webinar**

*Lincolnshire Training Hub* are holding a free event on November the 29<sup>th</sup> between 7pm and 8:30pm on Zoom. This presentation, held by medical students, is designed to help Year 9 – 12 students decide whether 'Medicine', or becoming a doctor, is for them. It could also be helpful for anyone else seeking information about the Medicine Application Process – including parents. It is will be held on the 29th of November 7-8:30pm on Zoom. **Please fill in the sign-up form below to receive the log in details:** <https://forms.gle/rqG3y6yWb94hs9J9A>

The evening will include:

- How do I know medicine is right for me?
- The Application Process
- The Medical Degree / Life as a Medic
- Foundation Years (Post Degree)

The discussion will be led by Student Ambassadors, who are all in varying stages of their medical degrees. There will be time at the end to ask questions.

### **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](#)

### **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 for Year 10 on Wednesday 6 December 2023.**

For any queries please email [stemfutures@imperial.ac.uk](mailto: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](mailto: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](#)

### **Prospective Engineers**

In 2020 a lecture was delivered by chief designer and Managing Director of *The Submergence Group of Cedar Park* in Texas, from the company base in Plymouth, Devon. The talk was about an unmanned autonomous ship called the MAS 400 which was to sail between Plymouth here and a destination in the USA guided only by AI and powered by solar energy in order to celebrate the 400th anniversary of the first Mayflower crossing. The original lecture was just before departure. This next lecture is a follow-up to hear what happened during the voyage.

The ship was equipped with a collection of instrumentation to make scientific experiments en route and to send the data back to the engineers on shore. More data is available on line if you Google MAS400.

At the recent Careers Evening, several showed an interest in engineering, hence my contact thought students might find the lecture of interest – to hear what happened as the ship set sail and the crossing itself. **Tune in on 5**

**December 2023 at 7.30 pm. The Zoom link is:**

<https://us06web.zoom.us/j/84863947329?pwd=7dQnM9Ne3A2Qf1P7AKgefYrv84kLeN.1> Passcode: 635646.

### **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

### **Checkatrade – Get In Programme – Competition**

Do you know a student who is interested in a career within trades? Checkatrade's Get In programme have launched a prize draw for young people aged 16-25 interested in trades who can win custom gaming controllers or a brand new PS5. Find out more about the campaign and how they can enter [here](#).

### **Zooniverse Galactic Explorers Challenge**

The *Zooniverse* is excited to launch the **Galactic Explorers Challenge**, December 2023

They are inviting **7 - 12-year-olds** from across the UK to become **astrophysicists for the week**, classifying galaxies from real space telescope images and creating their very own mini-science communication project. Students will get to use cutting-edge technology and meet real-life scientists The competition is **free to enter**, and **easy to join**, all the materials are ready to go - no prep required. **Simply:**

#### **Join one of the 45 min introductory webinars (27 Nov - 1 Dec)**

Complete either Bronze, Silver or Gold challenge activities (taking between 1 and 3 hours) during competition week using the resource pack provided (4 - 8 December)

Log in for the celebration webinar to hear about the results! (11am - 12 noon, 14 Dec)

All participants will receive a certificate, and budding scientists can go a step further and create a mini project for the chance to win some exciting prizes for their class. [Sign up here!](#)

Website: [physics.ox.ac.uk/engage/schools/primary-schools/galaxy-zoo-galactic-explorers-challenge](https://physics.ox.ac.uk/engage/schools/primary-schools/galaxy-zoo-galactic-explorers-challenge)

### **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 9<sup>th</sup> March. For more information, please contact the organiser: [margaretwebb01@gmail.com](mailto: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](#)

### **All Years Imperial College, London - Faculty of Natural Sciences Science and Innovation Competition**

**The Science & Innovation Competition**, run by the Faculty of Natural Sciences, aims to motivate young people to engage with science, to encourage them to work together as part of a team and to engage them in a fun activity that is motivated by their curiosity and drive. Teams will be asked to develop a new and innovative scientific solution to help achieve one of the [United Nation's Global Goals for Sustainable Development](#).

To enter, teams will be asked to create a 5-minute film that:

Briefly outlines the goal they have selected.

Describes their innovative solution.

Explains the science behind their idea.

Illustrates how their idea would address the goal.

Entries are open to teams of young people of primary and secondary school age; welcoming entries from schools community and youth groups. Finalists will be invited to participate in the finals event at Imperial College London. **You can register your interest here** and registration closes on **Friday 15 December**.

If you have any questions please contact Dr Simon Foster [ssfoster@imperial.ac.uk](mailto:ssfoster@imperial.ac.uk) or

[fonschoolscompetition@imperial.ac.uk](mailto:fonschoolscompetition@imperial.ac.uk)

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