

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 Information

Years 12-13 Prospective Medics/Healthcare Workers – Young Person's Volunteering Programme (YPP), Addenbrooke's Hospital

Applications now open. Volunteers on the YPP 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 Autumn 2024 cohort of the YPP will run for 12 weeks, commencing **Monday 16th September 2024**, and students will be required to complete one volunteering shift of two hours in length every week for the duration of the programme. Shifts are 16:30-18:30 on an allocated day Monday-Friday, which will be assigned based on individual 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 16th September**, as well as for a pre-placement induction session on **Monday 9th September**.

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 until Wednesday 5th June via the purple 'Apply here' button on our website: <https://volunteering.cuh.org.uk/>

Students will need to select the 'Young Person's Programme – Ward Helper Volunteer' option, and this will redirect them to online application form. Successfully shortlisted applicants will be invited to attend an in-person interview sessions on either **19th or 26th June**. *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.

Stansted Airport – Roles/Jobs/Opportunities

Stansted Airport is our largest, local employer and for both permanent and temporary roles at the airport, [click here](#)

Exploring the Aviation Industry Course 2024

You may wish to boost your chances of employment at Stansted Airport by attending the **NCFE Level 1 in Exploring the Aviation Industry**. Course start dates:

10th June (Inductions 4th or 6th June) & 1st July

Inductions take place the week before the course starts, on Tuesday or Thursday. The inductions will involve an English and Maths assessment. For more information [click here](#)

Five Ways To Look after Your Mental Health During Exams

13th May – 19th May 2024 is **Mental Health Awareness Week**. This initiative aims to address the stigma and encourage conversation around our mental wellbeing. This year's theme is 'Movement', which is all about getting involved in activities to boost our energy and decrease feelings of stress and anxiety. With exams starting, here are some tips as to how students could mix up their revision routine. [Click here](#)

Last Minute Revision Tips

Here are the top three revision tips & techniques from *Success at Schools*. [Click here](#)

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

Apprentice Stories

Join the 'Apprentices Stories' webinar Thursday 23rd May to hear from real life apprentices who will share their experiences of being an apprentice, how they found their vacancy, what a typical day looks like and the benefits of doing an apprenticeship. Please register by clicking [here](#).

Amazing apprenticeships – May parent/Carer Pack

This month's edition of the Parents and Carers pack includes insights into the experience of a Level 5 Leadership and Management apprentice. You can also find out more about exciting and sustainable apprenticeship opportunities, T Levels and much more. [Click here](#) to download the pack.

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

Year 10 Students – Open Event at Long Road College

Students and families are invited to Long Road College **Open Evenings on Tuesday 2nd & Wednesday 3rd July 2024**. The event is also open to Year 11s who would like another chance to visit the college before making their final post-16 decision in August. Attendees need to book a ticket:

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

Year 12 - Cambridge Open Days

Open Days are taking place this year on **Thursday 4 and Friday 5 July**. This is an opportunity for year 12 students to visit college (all colleges are open) and attend talks and taster lectures. Please book to attend these days:

<https://app.geckoform.com/public/#/modern/21FO00rhsaytow007qmpm9v839>

There are also a range of pre-events online which students can attend in advance.

Gonville and Caius

Please do pop and see the TBSHS link College, *Gonville and Caius College* during your visit. They will be running tours and talks including personal statements, HE Finance and a Q and A with the Admissions Tutor. You can view the programme on line by following the link below. <https://www.cai.cam.ac.uk/apply-caius/open-days>

Tool Showing Grades For Uni Courses

Students hoping to start undergraduate courses in 2025 will be able to see the grades that recent successful applicants have achieved at A-Level/BETEC. Click link for BBC News article. [Click here](#)

The Uni Guide Podcast

Episode 28 explores Law at university, featuring insights from Rosie, a current student at Durham University, and Paige, a Trainee Solicitor and star of BBC's *How to Crack the Class Ceiling*. Listen to this and all episodes [HERE](#)

The Uni Guide - Subject Guide Webinars

Inspired by the latest series of the *Traitors*, where two contestants were Vet Nurses. Hear from Lyn at the Royal Veterinary College and discover what to expect as a Vet Nursing student.

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.

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*.

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](#)

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.

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](#)

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

NHS – Various Roles

Various roles (clinical, laboratory, medical, mental health volunteering etc) available in Mid/South Essex Trusts. [Click here](#)

Year 9-13 Online Work Experience – Logistics & Planning

Interested in a career in logistics and transport but not sure where to start? This programme will take you on a journey through the world of logistics and deliver all the information you'll need about careers in the sector. You'll

explore the different careers available and take a closer look at the vital work of the logistics sector in keeping things moving. Available until 5th August. [Click here](#)

Years 10-11 GSK 24th-26th July

The application process is now open for a 3-day work experience opportunity at **GSK** on the **Ware Global Supply Chain manufacturing site in July**. The application process will close by 24 May, so your support in sharing this as soon as possible would be really appreciated. Please note, there are 30 places available. To ensure a fair approach for all, a random selection process will be used. Places cannot be guaranteed.

Apply here: <https://forms.office.com/r/zbXXRgcJXu>

Application closing date: **24th May 2024 (5pm)** Any questions please email UK.Ware-Learning-and-Development@gsk.com

Year 12 - Study Mind Work Experience Bursaries

Study Mind believe that educational opportunities should be available to all students, no matter their background. They are offering fully and partially discounted bursary places on **Study Mind Work Experience** events.

Student must provide proof of receipt of Universal Credit, Free School Meals and Pupil Premium.

Student must complete the essay task provided in the form.

Student must provide a reference from a teacher (either head of sixth form or relevant subject teacher).

Students who partially meet the criteria are welcome to apply, and may be offered discounted places where free places are already assigned. The vast array of subject programmes take place at UCL during the summer holidays.

[Download the brochure here](#) and more information at www.studymind.co.uk

[Apply for a bursary here](#) **Closing date 3rd June.**

Work Experience Programme: A Level Natural Science Students/Zebrafish Academy

"Having an understanding of research and being able to talk about the Zebrafish labs definitely gave me an edge in my interviews" - Zebrafish academy alumni **Deadline: 3rd June** [Click here](#)

Year 9-13 News From Careers Days

There are new dates for career and work experience days taking place online over the next couple of months and students can register to join the online days through the website. You will learn all about your chosen career in the morning from applications to job prospects and then gain some online work experience to use in their applications in the afternoon. The schedule is as follows:

Computer Science Career Day - Saturday 25th May 2024

Teaching Career Day - Saturday 1st June 2024

Medicine Career Day - Saturday 22nd June 2024

Midwifery Career Day - Saturday 21st September 2024

Dentistry Career Day - Sunday 6th October 2024

Students can visit www.careerdays.co.uk to join a session and will receive a certificate at the end of the day confirming their work experience. **Please note – there is a £69 cost involved.**

Uptree

Various masterclasses, info events, Insight Days and work experience days now available to book. [Latest info 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

News From The IMA (Institute Of Mathematics)

Maths In Your Careers - Medical Statistics – Virtual Careers Fair

Find out about a rewarding career in Medical Statistics at the [National Careers Week Virtual Careers Fair](#).

You can also explore other careers at [the NCW Virtual Careers Fair](#). Even though NCW has finished, the information is still available to view.

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.

Maths In The Real World - Space Careers

Maths is used extensively in the Space Sector. The types of roles on offer are extremely varied. [Here are some ideas to get you started:](#)

Featured Maths Videos

Art inspired by mathematics | Michael Naylor | TEDxTrondheim [Click here](#)

Which Size Pizza Should You Order? [Click here](#)

NRICH Post-16 Maths Problems

These problems have been chosen because they are ideal for developing subject content knowledge as well as mathematical thinking and problem-solving skills. [Find out more.](#)

e16plus Newsletter sign up

Sign up to receive the e16plus newsletter, [sign up here](#)

Find out more about Careers

Make sure you visit [Mathscareers](#) - the UK's most popular maths careers website

Careers In Music & Creative Media/Film

Speakers for Schools have an interactive virtual session on 18-20th June 2024, 9.30am-3.30pm with Oli Morris and [special guests](#) from UK Music. This would suit students: who have an interest in music and want to find out more about the industry plus, it would help you get hands on experience as well as provide an opportunity to immerse yourself in the industry. The sessions will help you learn more about careers in the spotlight and behind the scenes. [Click here to apply](#) **Please note this takes place during Y12 Work Exp Week**

Virtual Parent Event – Creative Industries

There's also a Virtual Parent Event on June 25th at 6.30-7.30 pm where you can hear more from creative professionals in industries such as film, music, visual effects and the career pathways available [click here to book](#). **For both events, if you don't have an account, go to [Speakers for Schools you can click here and register with us](#).**

Inside The Entertainment Industry

Emily Maguire hosts lively conversations with entertainment professionals from all corners of the creative industry. Each episode explore guests' career journeys & passions for their roles. The podcast is from Emily at *Reflections CareerCoaching.co.uk* [Click here](#)

Making the Future, Part 4: Careers in Crafts and Making with QEST (Queen Elizabeth Scholarship Trust Wednesday 12th June 11am-12pm)

In the fourth session, students will explore the wide array of roles within this diverse sector.

From ceramicists, textile artists, and leatherworkers to glassblowers, luthiers, and bespoke tailors, the field offers numerous exciting career opportunities. Professionals can work in specialised boutiques, launch their own businesses, or join renowned brands like Nike, Cartier, and Louis Vuitton.

Students will learn about the various pathways into these creative careers, receive practical tips and advice for getting started (even now), and enjoy a live 'show and tell' where professionals will present some of their unique creations. Speakers include:

Mel Howse (Vitreous Art/Glass Art)

Jenny Collier (Calligraphy)

Third Speaker TBC

[Zoom Registration Link here](#)

If you are interested in a career in this sector (think: guitar making, printmaking, botanical embroidery, stained/leaded glass, thatching, enamelling, millinery, silversmithing, mosaic art/conservation, leather art, bookbinding, horology, sculpture, bee making, saddlery, bell making – and many more specialists crafts) then the QEST website is incredibly informative, <https://www.qest.org.uk/directory/>

Careers In Sport/Physical Activity

Students in Years 9-13 have all received an email detailing roles and opportunities available in sport/physical activity. The brochure is from *The Chartered Institute for the Management of Sport & Physical Activity (CIMSPA)* – which is a useful resource for those interested in working in this sector.

Careers In Investment Banking - Tuesday 18th June 9.30am-10.30am

In partnership with *Bank of America*, here's a virtual careers chat focused on exploring different careers in Investment Banking. It will cover three main areas: banking and finance, business support, and technology & operations. Within these, you'll find a variety of exciting job roles that require skills and interests beyond just math and science. In this session, students will get an overview of Investment Banking and the many career opportunities it offers. We'll also have professionals from the bank joining us, sharing their experiences.

Through these discussions, students will gain deep insights into the world of investment banking, learn about different pathways like apprenticeships and internships, and get practical advice for getting started in their careers. Speakers include:

Assistant General Counsel (Lawyer), Corporate and Investment Banking

Apprentice, Global Payment Solutions

Technology Analyst, Global Markets Technology

[Zoom Registration Link here](#)

Careers In The Gaming Industry - Gamebridge 2024

Showcase your game-making skills at *Gamebridge 2024*

Date: 15 June 2024 **Location:** ARU Cambridge campus **Cost:** Free ([travel bursaries](#) or [free travel with Stagecoach](#) also available)

The Gamebridge Student Games Festival showcases the best of the UK's student games talent and supports students with their careers in the games industry. This free live event brings together industry reps and students in talks, recruitment booths, bookable 1-to-1s, games showcases, awards presentations, and other networking opportunities. Students from 17+ can join the event and submit their work for the opportunity to win awards, with over £5,000 prize money provided by industry sponsors. *Gamebridge* aims to remove barriers to access for the games industry, ensuring it is open to anyone. Get more information on the [Gamebridge website](#), and [find out how to submit your work to the showcase](#).

Amazon Engineer – A Virtual School Trip

Explore technology and careers of the future at *Amazon's Fulfilment Centre*; from the online store to your doorstep, discover how computer science, state-of-the-art engineering deliver customer orders. [Click here](#) and [here](#)

Want To Be A Pilot?

The *Fantasy Wings Programme* have announced that *British Airways*, *The Civil Aviation Authority (CAA)*, *easyJet* and *Manchester Airport Group* have collectively sponsored 575 spaces for Schools, Colleges and Universities on the **24/25 Fantasy Wings programme**. The Fantasy Wings programme aims to equip young people aged 13-25, particularly those from Black, Asian, and Minority Ethnic backgrounds and young women, with the skills and knowledge necessary to succeed in the aviation industry. Partners include leading aviation organisations in the UK, such as British Airways, the Civil Aviation Authority, easyJet, Virgin Atlantic, Manchester Airport Group, The CAA and NATs. The programme runs in person in London, Birmingham, and Manchester on one Saturday each month for ten months, beginning in October. There are also several work experience and practical skills opportunities available with the partners at the end of each programme.

As part of the programme students will

- Learn how to become an Airline Pilot
- Explore Aviation Careers such as Engineering, Air Traffic Control, Leadership, Regulation, Airport Operations and much more
- Be in with the chance to win one of 3 fully funded Private Pilot Licences at the end
- Be in with the chance to win one of 50 fully funded trial flights at the end
- Receive an accreditation at the end for use professionally

Please note that spaces on the programme will be allocated on a first-come, first-served basis. Once the sponsored spaces are all reserved, they are unable to allocate any additional places.

Please visit the social media page at www.instagram.com/fantasywingsUK to see images and videos from the previous programmes, home website: www.fantasywings.co.uk

Make The Future Yours

Latest edition of the careers magazine here. Articles on how to become a plumber, an architect and how to choose A Levels: www.makethefutureyours.uk/latest-issue

Career In Public Sector/Government

If you want to make a difference in your community or help shape the way things are run, a role in local or central government could be for you. For example, you could become a [Civil Servant](#), [Political Researcher](#) or [Local Government Administrator](#) – or work within your local council to help with tax or customer service. Click links for ideas.

Careers Talks – Speakers For Schools

See below for the latest listing:

Step into the world of sports with us as we dive into a session featuring **Victoria Monk**, sharing insights from her remarkable career including her record-breaking Atlantic Ocean rowing journey. **Tuesday 4th June | 10:00am - 10:45am | KS3-5 / S1-6 [Sign-up](#)**

Explore the Aviation industry with **Nive Sivanathan**, delving into Cyber Security & the Civil Aviation Authority. Discover his career journey, industry expectations, and essential skills. **Tuesday 11th June | 02:00pm - 03:00pm | KS3-5 / S1-6 [Sign-up](#)**

Discover insights from **Nadine Pfeifer**, NHS Senior Manager and HopStair App Founder, in our industry spotlight session. **Tuesday 18th June | 02:00pm - 03:00pm | KS3-5 / S1-6 [Sign-up](#)**

Curious about journalism routes and the industry's landscape? Join **Alan Jones** in this Industry Spotlight, sharing his journey and insights into the journalism world. **Tuesday 2nd July | 02:00pm - 03:00pm | KS3-5 / S1-6 [Sign-up](#)**

Uncover the realm of Law in this Industry Spotlight Talk featuring **Helen Chapman**, Barrister and part-time Judge. Explore her journey into Criminal Law and navigating the industry as a woman and parent. **Monday 8th July | 02:00pm - 03:00pm | KS3-5 / S1-6 [Sign-up](#)**

Don't miss **Marco Ndrecaj**'s remarkable story! As SSCL's Director of Contact Centre Services, he shares his journey from a young immigrant to a successful leader. **Wednesday 10th July | 02:00pm - 03:00pm | KS3-5 / S1-6 [Sign-up](#)**

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](#)

Resources

BBC iPlayer/Sounds

Don't forget the vast archive available within the BBC and absolutely free – it's a fantastic resource and useful for b/g research and reading around one's subject eg *The Law Show* on BBC Sounds [click here](#). Psychologists might find *All In The Mind* an interesting listen and on BBC iPlayer, there's *The Ascent of Man* for philosophers. For the arts and popular culture, there's everything from *Abba* to *Andy Warhol* – plus classical sounds to Shakespeare. There's a history channel too as well as sport featuring profiles eg Pep Guardiola. [Click here](#) and see the Categories tab.

Years 11-12 Outreach News Imperial College, London Representing Physics 2024 For Students of Black Heritage in Applications Now Open *The Blakett Lab Family*, the UK's network of Black physicists, is partnering with *The Ogden Trust*, *Imperial College London*, *National Physical Laboratory* and *Institute of Physics* to **deliver Representing Physics 2024 (RP2024)** for Year 11 and Year 12 students of Black heritage in the UK.

This summer's programme has two components: RP2024 Online is a single-day, condensed programme involving sessions focussing on physics research areas, university applications and careers. RP2024 London is an extended, three-day, non-residential experience offering an in-depth coverage of physics at university and in industry, as well as exploring the important intersection of physics and identity. Applicants are invited to apply to one or both programmes. To find out more and to submit an application visit the RP2024 webpage.

Year 10 - From Imperial College London 10 Zeiss Materials Engineering Summer School

The Zeiss Residential Summer School returns for a second year at Imperial College London from 19 to 23 August 2024. One of the world leading Microscopy companies, *Zeiss* provides microscope solutions for universities, companies and research institutions.

Participants will learn how microscopes are built and operate, how microscopy and materials science are interlinked and how the characterisation of materials can lead to a more sustainable future for all of us.

There will also be the opportunity to visit Cambridge and the Zeiss UK site, carry out tests in the Department of Materials lab and win a prize in the final poster competition. Participants will experience university life by staying on campus and participating in a range of social activities in the evening.

This summer school is free to successful applicants and includes all materials, accommodation, three meals a day as well as any trips that are part of the programme. Travel to and from Imperial is not included. **Priority is given to applicants that meet the widening participation eligibility criteria.**

Apply through the [Aspire application system](#) by 03 June 2024. For any queries please email Dr Eleonora D'Elia at eleonora.delia10@imperial.ac.uk

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](#).

Education In Chemistry

Articles to support learning:

[PFAS levels in surface and groundwater exposed](#)

By [Nina Notman](#)

Are forever chemicals lurking in your water?

Composite decking can capture carbon dioxide

Could our choice of patio decking help reduce the global warming effects of building materials?

Composite decking can capture carbon dioxide

Could our choice of patio decking help reduce the global warming effects of building materials?

Enzymes make dyeing denim more sustainable

Can researchers find a way to make jeans blue without using toxic chemicals?

READ MORE SCIENCE ARTICLES

Years 10-12 Why Not Languages?

The Faculty of Modern and Medieval Languages and Linguistics at the **University of Cambridge** is running free webinars for 'Why Not Languages' aimed at Year 10 and Year 12 students. The webinar will provide:

Information on studying Languages and Linguistics and a GCSE/A Level revision session

Information on *ab initio* language learning at University level (*ab initio*: learning a language from scratch)

Language tasters in German, French and Spanish and other languages with expert faculty

A chance for students to ask questions of University academics in Languages and Linguistics with a session on 'How to take things Further'. The webinars will take place on September 20, 2024, at 10am. The two strands (GCSE and A Level) will each run for 100 minutes. This is a pilot project and for 2024 will replace the June face-to-face sessions.

To register your interest, please click and complete this form, [providing your email address](#) for further contact:

<https://forms.gle/HARdbyzyGnKoGG2d7>

Years 10-13 Budding Journalists – Young Reporter

The registration portal is now open for the September intake and to sign up before the summer holidays. Click the button below to register your interest to take part and please note that there is no commitment from registering.

You will be sent an information pack with 7 days. [Click here](#)

Years 9-10 Virtual Routes Into STEM

The [Virtual Routes into STEM](#) course, aimed at students in Years 9 & 10. This course is available to students to complete until **2nd August 2024**. Students are able to join and complete this course flexibly within this timeframe but can also work as in-school sessions to compliment your curriculum. The course is suitable for all academic abilities and will take approximately 20 hours to fully complete. Upon completion students will be accredited with a [Bronze Industrial Cadets Award](#). Click the link to find out more.

Years 7-13 Outreach from UCL

Years 7-11 [Bring Your Family to University Days](#) - For students in **Year 5 - 11** and their families - guided tours, information and advice, and fun activities on the UCL Campus - **6 July**.

Ask the Expert Ask the Expert is your chance to pose any question you want to our team of 67 experts. We will answer your questions within 2 weeks!

Years 12-13 Data Detectives: Online Data Challenge - Tackle real-life mysteries like the differences in happiness between countries or the value of a new film release using statistics! [Click here](#)

Years 12-13 Space Science Week - take part in online classes and visit a cutting edge lab in July. [Click here](#)

Years 9-11 Architecture - Bartlett Summer School - A 2-day interactive Summer School where students will take part in a series of workshops, hands-on design and creation activities

Revision Tips

From *Success at Schools* come some handy pointers for keeping on track with revision during the Easter holidays.

[Click here](#)

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.

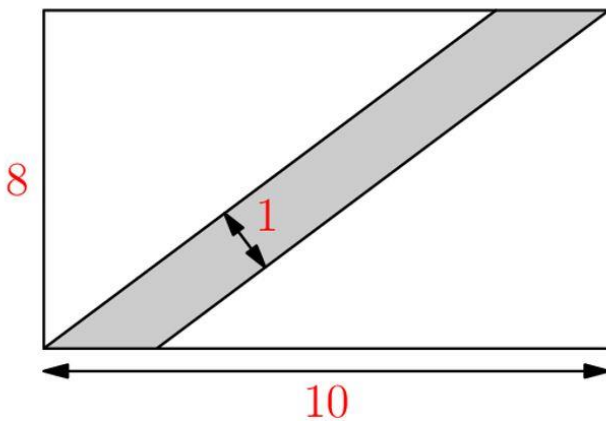
Free Resources From STEM Learning

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



Competition From IMA (Institute of Mathematics)

The grey strip is a Parallelogram which has been drawn inside a Rectangle. What is the **area of the grey strip**? Please round your answer correctly to 1 decimal place.

Send your answer to mathscareers@ima.org.uk, providing your name and school/college/university.

There is no need to send in your working out this time, but you must round your answer to 1 decimal place.

All Category Age Groups – Maths Careers Board Game Competition

Also from the IMA, design and create your own unique Board Game. Win Amazing Prizes. Specific category for students in Year 12/13. Deadline 26th June. [Enter Here](#)

Imperial Science in Medicine School Teams Prize 2024 For students in Years 12 and 13 and their teachers Entries Now Open

The National Heart and Lung Institute, the British Heart Foundation's Centre of Research Excellence at Imperial College London and the Imperial NIHR Biomedical Research Centre return with the *Science in Medicine School Teams Prize*, aimed at engaging 16-18 year olds with science in medicine.

This year there are five separate team contests. Schools can enter one team, or be part of one collaborating team. Each team should have no more six members and should be made up of students with varied interests to demonstrate a multidisciplinary approach. All members of teams that enter will receive a certificate of participation. For each prize, the top ten scoring teams will be short-listed and invited to present their posters at an online finals event, to be held in late September – early October. The posters will be scored and judged by Imperial academics and the 1st prize for each contest is £3000. Prizes are intended to support science-related activities and shortlisted teams will also be offered the opportunity for an online academic mentoring session.

The deadline for submitting an entry is Monday 01 July 2024 at 17:00pm and submissions must be made by your teacher.

Politics Students – BBC Today Prog Competition - Closing Date 31 May

The BBC's flagship morning news programme is inviting listeners to apply in pairs or in groups of up to six people, with either a written submission of 250 words or a two-minute video or audio recording outlining their idea for a story or issue they want the programme to focus on. The ideas will be used for a single piece of reporting, a discussion or a collection of interviews that will feature as a segment on the programme. [Click here for info](#)

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. **Entries close on 24th May.**

InvestIN's Charity Competition: Celebrating You!

***"Be yourself; everyone else is already taken."* - Oscar Wilde** This charity competition designed to celebrate individuality and *InvestIN* are inviting all students to submit a photograph depicting what makes them stand out, along with a short caption that explains their photo. Creativity is encouraged.

The competition is free to enter and for each entry, there will be a donation to *Unicef*. The deadline for entries is 28th May 2024. The winning photograph will receive an in-person place on a one-day immersive experience of their choice – and shortlisted entries will also be shared across the company's social media and featured on their blog.

[Click here](#)

Celebrate Science & The Arts at the Great Exhibition Road Festival

For Young People and Families of All Ages

Join the fun in South Kensington on 15 to 16 June 2024 for this year's **Great Exhibition Road Festival** celebrating how science and the arts help people, communities, and nature flourish.

This free weekend has something for everyone, with events from Imperial College London, the Natural History Museum, Science Museum, Royal College of Music, V&A, Royal Albert Hall and more.

Discover the Festival Zones, including dedicated a space for Families (**Family Fun Zone**) and Young People (**NextGen Zone**) Browse a selection of exciting activities taking place **on our website** – from workshops like **designing your own energy-efficient car** and talks including **how technologies may help us thrive beyond our home planet** with Britain's first astronaut Dr Helen Sharman.

Register today for regular Festival updates and to find out when free tickets for popular events are available.

Wishing all a happy half-term holiday

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