

Careers Information & Opportunities



Dear Parents, Carers & Students
Please find below this week's Careers News
If you have any comments or suggestions regarding the
bulletin or careers in general, feel free to email
Students can access this bulletin - and all previous issues –
via the shared student pool file; 'Q' drive, 'Other' then 'Careers'

Special Announcements

Local Structural Engineering Company Seek Degree Apprentice

Are you interested in structural engineering? Local company *RCA Structures* are looking to appoint a degree apprentice after exams are completed. You should have excellent A Level grades including Maths & Physics and knowledge of *Autocad* would be advantageous. Current apprentices partner with Anglia Ruskin University but this is flexible, start time is summer. If interested in finding out more, please contact Ian Devonshire, MD at RCA by email ian.devonshire@rcastructures.co.uk For more company information, please see the website: www.rcastructures.co.uk

Degree Apprentice Vacancies – Charles Rivers Laboratories

Charles Rivers Labs are currently recruiting for two Degree Apprenticeships. Information about the opportunities is saved in the school's pool file: Q:\Other\Careers The file names are Charles River Apprentice 1 and Charles River Apprentice 2
If interested in a science degree apprenticeship, do apply as soon as possible

Mansell & Co Vacancies

GCSE School Leaver - Local accountancy practice *Mansell & Co* are recruiting for a GCSE Leaver who if successful after 12 months will begin the Association of Accounting Technicians (AAT) qualification. Grades 5-8 in Maths & English 5 to 8.

A Level Leaver - As an 18 year old school leaver, *Mansell & Co* are looking for an individual who would wish to train for one of the professional accounting qualifications (normally the Association of Accounting Technician qualification initially) in which you would be supported with your studies. On successful completion of the AAT qualification and if the candidates wishes, they can support with training for the ACCA (Association of Chartered Certified Accountants) qualification. Three A Levels, Grade C or higher are required.

Please contact Cheryl Kaley at Mansell & Co on 01279 658499 or email cheryl@mansellandco.org for more information, or forward a copy of your CV and an email expressing your interest in the vacancy.

Years 11-12 Local Part Time Job Opportunity – After School Class Assistant

First Class Learning based in Windhill21 Primary School Bishop's Stortford, are looking to employ a few young people to help deliver Maths and English tuition to school-age children for two hours on a Tuesday and/or Thursday from 4 to 6pm. The centre's Director is keen to attract committed young people with very good projected or actual passes at GCSE for Maths and English, plus other supporting GCSEs. Those appointed are expected to remain at the Centre until at least the end of Y13 to ensure continuity. The positions have proved an excellent opportunity for current and past assistants, providing excellent experience for UCAS applications and choices towards career goals, as well as providing a competitive income for the hours provided. Students interested should completed the **application form stored in the shared pool drive (Q:\Other\Careers)** and return it before Friday 25th March to: bishops-stortford@firstclasslearning.co.uk



National Careers Week 7th-11th March

Last week was *National Careers Week* and TBSHS students enjoyed special assemblies, workshops and tutor led form activities. Parents/carers may be interested in the NCW book '*The Future of Work Guide*'; after a year of uncertainty caused by Covid-19, it's sometimes difficult to feel positive about the future. But the world of work is always changing and adapting - and people are very resilient and find ways to cope with change. Even if it seems that the future is more uncertain now than it was a year ago, there will still be opportunities available. Download the '*The Future of Work Guide*'. [Click here](#). Look particularly at sections "Key Facts and Figures" – impact of the Fourth Industrial Revolution (automation) on job categories, "Preparing for future work" – outlines the key skills that you will need to future proof your career and "Additional Resources" – lots of great book, websites and TED-Talk suggestions

Cyber Explorers Has Launched!

See the Careers section for news.

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](#)

See *Special Announcements* section at top of this Careers News for local apprenticeship opportunities

BBC Production Apprenticeships

The BBC itself is very much in the news at present – are you someone who wants to work for the flagship organisation? They are currently recruiting Production Apprenticeships, [click here](#) for more information.

Sky Apprenticeships

Another broadcasting organisation currently advertising:

Technology

- [Technology Apprenticeship Programme – Livingston](#)
- [Developer Operations Apprenticeship Programme – Leeds](#)
- [Developer Operations Apprenticeship Programme – Osterley](#)
- [Software Development Apprenticeship Programme – Leeds](#)
- [Software Development Apprenticeship Programme – Livingston](#)
- [Software Development Apprenticeship Programme – Osterley](#)
- [Software Testing Apprenticeship Programme – Osterley](#)

Business

- [Business Administration Apprenticeship Programme – Livingston](#)
- [Governance and Administration Apprenticeship Programme – Osterley](#)
- [HR Administration Apprenticeship Programme – Livingston](#)

Customer Service

- [Customer Service Apprenticeship – Sheffield \(April 2022 Start Date\)](#)
- [Customer Service Apprenticeship – Stockport \(April 2022 Start Date\)](#)
- [Customer Service Apprenticeship – Dunfermline \(September 2022 Start Date\)](#)

[Customer Service Apprenticeship – Leeds \(September 2022 Start Date\)](#)
[Customer Service Apprenticeship – Stockport \(September 2022 Start Date\)](#)
[Customer Service Apprenticeship Livingston \(October 2022 Start Date\)](#)
[Customer Service Apprenticeship – Newcastle \(October 2022 Start Date\)](#)

Customer Sales

[Customer Sales Apprenticeship – Leeds \(April 2022 Start Date\)](#)
[Customer Sales Apprenticeship – Newcastle \(April 2022 Start Date\)](#)
[Customer Sales Apprenticeship – Osterley \(September 2022 Start Date\)](#)
[Customer Sales Apprenticeship – Livingston \(September 2022 Start Date\)](#)
[Customer Sales Apprenticeship \(ASM\) – Stockport \(September 2022 Start Date\)](#)
[Customer Sales Apprenticeship -Dunfermline \(October 2022 Start Date\)](#)
[Customer Sales Apprenticeship – Cardiff \(October 2022 Start Date\)](#)

New Opportunity – PwC

PwC have launched their new Flying Start Tech Degree Apprenticeship based in Manchester, [click here](#)

UBS

Click on the link to find out more about the various apprenticeships at UBS. [Click](#)

Year 11-13 Unifrog

Students with a *Unifrog* log in can access this apprenticeships webinar on 29th March at 5pm. Hear from an employer and a current apprentice who will help you find vacancies and give tips on how to prepare for a successful application.

Amazing Apprentices – Parent/Carer Pack

March's edition of the Parents' & Carers' Pack is now [available here](#), packed full of interesting articles about the success of National Apprenticeship Week, an insight into the life of an apprentice and so much more.

Overhead Lines Craftsperson, Advanced Apprentice - Electricity Transmission (Hertfordshire)

As an Advanced Apprentice Overhead Lines Craftsperson you will be tasked to undertake a wide range of duties whilst working at height on overhead lines assets including fault investigation, repair, safe and reliable operation and routine inspections. You will be working outside in all weathers to ensure the safe and efficient operation of the Electricity Transmission system. [Click here](#) for information (closes 27th March).

University Of Nottingham Degree Apprenticeship Mailing List

View the range of [degree apprenticeship programmes](#) and sign up to the [vacancy mailing list](#)

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](#)

Vacancy Reports

Weekly apprenticeship and traineeship vacancy reports are now available showing all live vacancies broken down by local authority. To sign up to receive the reports, please send an email request to communications.ESFA@education.gov.uk - noting the region you require.

League Table – Apprenticeship Providers

Take a look at the top apprenticeship providers from *Rate My Apprenticeship*. Based on thousands of insightful reviews, the tables reveal which companies are leading the way in offering world-class apprenticeships and training to school and college leavers in the UK. [Click here](#)

Opportunities Available via Career Map

There are many apprenticeships windows opening right now – including *BAE Systems*. [Click here](#) and [Click here](#)

Apprenticeships – Recruiting Now

Here's a round-up from *Success At Schools* – many top prestigious employers are listed. [Click here](#)

College/University Information

All Years - Uni4Me – Free Online Activities From Imperial

Uni4Me is a partnership of higher education organisations led by the *National Education Opportunities Network* (NEON), showcasing activities and opportunities from universities and colleges across the country.

Start exploring now

Capel Manor College – Open Event

Discover land-based careers and land skills that matter. Visit Capel Manor's open event taking place on **Saturday 19 March** from 10am to 3pm. Registration required, [click here](#)

Uni Taster Days - 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 a terrific directory: <https://www.unitasterdays.com/>

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](#)

Meet The Russell Group - Collaborative Virtual Event On Wednesday 27 April

During the Afternoon Session (12:00 - 14:30) students & parents will be able to explore all 24 Russell Group universities, download documents, view virtual campus tours, and take part in insightful live webinars led by university representatives and experts. Throughout the Evening Session (16:30 - 20:00) attendees can chat directly with university ambassadors to receive personalised advice. You will also have the opportunity to enter brand new live video Q&A sessions to get answers to all of your questions. Two warm up webinars (Wednesday 20 & Monday 25 April) will also run in the lead up to the event to provide students, teachers and parents with a unique insight into why they should consider choosing a Russell Group university. [Register 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](#)

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](#) and [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, there's some information on open days [here](#)

Work Experience

Please ensure you speak with your Head of Year before attending sessions that fall on a school day

Law – Summer Intern Roles With HM Courts & Tribunals Service (HMCTS)

The *HM Courts & Tribunals Service* is an agency of the Ministry of Justice providing support for the legal system across England and Wales, ensuring justice works for everyone. They are offering exciting opportunities all across the UK to join them on a temporary 12 week placement to support the courts over the summer period. This was suit a Year 13 Leaver hoping for a career in law. [Click here](#) **Closes 18th March**

GSK Ware Summer Placement Opportunities – Applications Open

Are you interested in gaining work experience with GSK this summer? Opportunities exist across multiple departments at the GSK Ware Site for 6-week paid placements, commencing 25th July for students who will have finished their A levels/BTECS before they start university in September. See the below advertisement for full details <https://www.srgtalent.com/jobs?keywords=summer+&location=Ware%2c+UK>

Medical Work Experience

Medical Projects are running two Medical Work Experience weeks in April 2022 for students aged 16+ [Click here](#) ***please note, there is a cost***

Years 10-13 Work Experience via Speakers For Schools

There are **literally dozens of opportunities** available via the *Speakers For Schools* website. Do sign up so that you are able to view them – many are virtual so even more of a reason to sign up. To sign up [Click here](#)

Virtual Work Experience – Springpod

For a full list of the programmes offered, please [click here](#). You can create a *Springpod* account by going to <https://www.springpod.co.uk/> and clicking 'get started'.

Careers

Check out the TBSHS careers website where you'll find previous bulletins plus information including quizzes and research tools
[**https://www.tbshs.org/academic.aspx?SubCatID=224**](https://www.tbshs.org/academic.aspx?SubCatID=224)

*****Today*** Year 8-13 Insights: Your Guide to Careers in Green Jobs – 16th March 5.30pm-7pm**

This event has been designed to showcase a range of careers within the Green Sector. Volunteers will give a real understanding about the environmental challenges that we face, and the solutions they are coming up with to tackle them. The volunteers, from a range of different organisations including *Colorifix*, *Oxwash* and *Mole Architects*, will give an excellent insight into their work and pathways. This virtual event is open to all students from Years 8 and above, as well as their parents/guardians and has been designed to allow students to:

- Interact and connect with some of the region's leading green sector employers
- Learn about pathways available to a career in the green sector, including apprenticeships and graduate opportunities
- Find out about different jobs and opportunities. Register a place by clicking following link: [**Bit.ly/FtFInsights7**](https://bit.ly/FtFInsights7)

Careers Webinar - Hertfordshire's Charities Sector – 17th March

Whilst there may be a perception that working for a Charity entails standing on a high street and accosting members of the public to donate money, it is a vibrant industry in Hertfordshire that provides thousands of employment opportunities. Charities, like any business across all sectors, can be large and multi-national or small grass roots organisations. All, however, rely on talented and passionate people to help operate their objectives and aims. Charities require people who can fulfil business needs like finance, HR and admin operations but there is a particular need for fund raisers so people with persuasive language skills for instance may be well suited to this type of work. Charities often appeal to young people who share a passion for particular cause – that could be anything from raising awareness of wildlife issues, supporting elderly relatives or raising funds for humanitarian crisis' such as the situation in Ukraine. Therefore this webinar may appeal to students studying Health and Social Care or Geography in particular. Registration is via the Virtual Encounters page on HOP - <https://www.hopinto.co.uk/explore-careers/virtual-employer-encounters/>

There is now a comprehensive careers library where you can view past webinars on Dentistry, Business, Engineering, Town Planning, Bricklaying, the Electrical Industry, How to be an Entrepreneur, Royal Marines, Fashion, Author/Songwriter, working as a Business Apprenticeship, careers in Psychology, Physiotherapy, Engineering, Life Sciences/Pharmaceuticals, Graphic Design etc etc .[Click here](#) for the link to the next webinar and the full directory.

Careers In The Civil Service

Especially for *National Careers Week*, there's a new [Careers Hub](#) you can visit to find lots and lots of information about a career in the Civil Service.

The Interactive Career Matcher If you think you'd like to join the Civil Service but don't know where to start looking, try the [Career Matcher](#). Answering a few simple questions about what motivates you and your interests will match you to some of the professions which could be a great fit for you.

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*.

Years 10-11 Prospective Medics – Webinar Saturday 19th March 2pm-4pm

This online event from *Imperial College London* will provide information, advice and guidance for Year 10 and 11 students who have an ambition to study and work in medicine. Join the webinar for talks on putting together a strong application for medical school, the realities of life as a doctor and a medical student panel to answer all your burning questions about studying medicine at university. [Register online](#) by midnight, **Wednesday 16 March**.

Jobs Live News Channel

The *Jobs LIVE News Channel* is an employer led interactive channel which is available to students to connect to businesses from around the region and across the UK from a wide range of sectors. The channel will showcase thousands of live vacancies with an innovative live chat feature that enables you to talk and connect to employers and support organisations at any time. There will also be support and employability content giving easy to understand practical advice, hints and tips for getting a job. [Click here](#)

Years 10-13 GSK Maths Matters Virtual Open Evening - 29th March 3.30pm-4.30pm, 31st March 4.30pm-5.30pm

The *GSK Maths Matters* event will provide GCSE/A level/BTEC students & parents opportunity to discover how Maths is vital to what they do at GSK, attend insight talks and network with industry experts across GSK, learn about STEM career opportunities and gain career application hints and tips. Students must sign up – [click here](#)

London Stansted Airport & Tottenham Hotspur Jobs Fair

The next Stansted Airport face to face jobs fair is a joint venture with Tottenham Hotspur Football Club and takes place on 5th April (please note the new date) 10am–2pm). The event will be held at the new Tottenham stadium and will provide an to meet employers and discover jobs available at the airport and at the club. To register for the event please [click here](#) which will take you to the Eventbrite page.

Go Green Careers

Explore an interactive platform designed to guide users through the world of climate change, green careers and pathway options. Each section has useful information, engaging activities and handy links to inspire you to go green with careers [Click here](#)

Cyber First Has Launched

Introducing *Cyber Explorers* – a free interactive learning platform for all 11-14 year olds, offering hands-on insights into how digital, computing and cyber security skills are integral to exciting career paths. An initiative led by the Department for Digital, Culture, Media and Sport (DCMS). [Click here](#) It's a fantastic scheme especially for those looking to study Computer Science at university or apply for apprenticeships in this sector.

STEM Careers Fairs

Explore virtual careers fairs that inspire and inform, supporting young people to be better prepared for future. Aimed at 13 to 19 year olds, each virtual careers fair showcases employers from various industries and helps young people discover career pathways. [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](#)

Live & On-Demand Careers Videos

Find out about different career sectors and employers with these live and on-demand sessions from *Learn Live*. Recent broadcasts include construction giants *Balfour Beatty*, a focus on the hospitality industry and apprenticeship insights. <https://learnliveuk.com/channel/>

Why It Matters – Careers Resources From Loughborough University

The *Why It Matters* resources are designed to help students understand where studying different subjects (both post 16 and post 18) might lead. They have been developed with support from both graduates and researchers to explain why they believe that their subject matters, and help support students to build links between their academic subjects, degree options and careers. [Click here](#)

Careers Guides For Parents

Sign up and register with *Success at Schools* to receive the latest 2021/22 edition, [click here](#)

UCAS Careers Advice

Explore job roles and take the careers quiz. [Click here](#)

Careers Sessions With Speakers For Schools

DATE	SPEAKER	INFO
Thursday 17 th March 10- 10:45am	Steve Hewitt, Executive Chair, Gymshark For KS4-5/S4-6	Steve joined Gymshark in June 2014 as an external advisor, before becoming CEO the following year & overseeing the company's growth from £4M to £400M turnover in his 6 years in role. Before joining Gymshark, Steve held several senior executive positions at Reebok, most notably as Commercial Director for the EMEA region. Click here to register
Thursday 17 th March 2-2:45pm	Sasha Morgan, Director, Social Mobility Commission For KS4-5/S4-6	Sasha has held a number of roles in the cultural and policy sectors. Sasha is passionate about creative education and believes that the arts are an important tool to allow young people to unlock their potential. Sasha will be speaking about her role at the Social Mobility Commission and will be sharing her life lessons. Click here to register
Thursday 24 th March 10- 10:45am	Neurodiversity Week Broadcast: Dr Chris Arnold, Creative Partner & Founder, Creative Orchestra Advertising & Piers Roberts, Founder and Director, Riskkit For KS4-5/S4-6	Join us to learn about neurodiversity and how it is a desired talent by a growing number of firms. Chris and Piers will also share some of their personal experiences throughout school, college and work. Click here to register
Wednesday 30 th March 10- 10:45am	Careers in Healthcare Science with Fiona Carragher, Director of Research and Influencing, Alzheimer's Society For KS4-5/S4-6	Do you love science? Are you passionate about helping people? Join us for a broadcast with Fiona Carragher to learn about how you can combine the two in your future career. Fiona will also be sharing her advice on the importance of keeping an open mind for opportunities! Click here to register

Join 10 minutes before the broadcast to be ready

You can join without needing an account – [Watch how here](#)

Watch pre-recorded broadcasts from the library [here](#)

Resources

Digital Content from Target

Here are two useful digital magazines for both students & parents/carers.

[targetcareers School Leaver 200](#)

[targetcareers Paths to Careers – a Parent's Guide](#)

Download Parents Guide

For 2022, here is the third edition of the *National Careers Week Guide*, [click here](#)

Outreach From Balliol College Oxford

Upcoming Outreach Events			
Biology			
Who	What	When	Booking Information
Year 11 and sixth form students who are interested in medical issues.	Springboard Live Workshop-Antibiotic resistance as a global threat to healthcare	Thursday 31 March 4.00- 5.00pm	Booking Form Please watch Lois' original video here
Chemistry			
Who	What	When	Booking Information
Anybody interested in Chemistry	Whats On - Oxford Chemistry	Continuous	NA
Year 10 and 11 students and teachers interested in research in chemistry.	Online Spring Chemistry Conference 2022	Thursday 17 th March 16:00 – 18:00	Further information and booking
Post-16 students taking A level Chemistry	Fragrance Chemistry / Combinatorial Esters workshop	22 Mar 2022 10:00 - 13:00	Further information and booking
14-16-year-old students taking GCSE Chemistry	Career and Research Talk and CTL Identification of Unknowns Workshop	22 Mar 2022 13:00 – 16:00	Further information and booking
Year 12 students from state schools studying Chem.	Balliol College Chemistry Taster Day	Monday 11th April 09:45 - 16:00	Further information and booking
Classics			
Who	What	When	Booking Information
Year 11 and sixth form students interested in Classical Theatre in ancient Greece and Rome.	Springboard Live Workshop -Theatre in Ancient Greece and Rome	Thursday 17 March 4.00- 5.00pm	Booking form Please watch Leo's original video on this topic, here
Engineering			
Who	What	When	Booking Information
Year 10 students of Black heritage, interested in Engineering, Material Science and Physics	EMPower Oxford	7th - 9th April 2022. The deadline to apply is 23:59 on 14th March.	More information and application form
Year 12 Students who are genuinely considering	St Peters College - Engineering residential	Wednesday 13 and Thursday 14 April 2022 Deadline for	Further information and booking

Engineering at Oxford		applications is 18 March 2022	
English			
Who	What	When	Booking Information
Year 12 pupils	English Faculty State Schools' Open Day	9 Apr 2022 11:00 - 14:00	Further information and booking
Geography			
Who	What	When	Booking Information
<i>state-educated pupils in Year 7 to Year 10.</i>	Christ Church College - This is Geography Competition.	The deadline for entries is Friday 1st April 2022	Submission form
State school students in Year 12	Keble College Subject Taster Day	Wednesday 8 th June Application deadline - 12 noon on Monday 25 th April	Further information and booking
History			
Who	What	When	Booking Information
Year 11 and sixth form students interested in Political theory.	Springboard Live Workshop - What is Fascism?	Thursday 28 April 4.00-5.00pm	Booking form Please watch Joe's original video here
Maths			
Who	What	When	Booking Information
Year 12 and 13 (or equivalent) interested in maths at university	Oxford Online Maths Club	live on YouTube every Thursday at 17:00	More information
Medicine			
Who	What	When	Booking Information
YR 10-12 Pupils interested in medicine at uni	An Introduction to Evidence-Based Medicine	Monday 28 th March 2022, 4-5pm	Booking form
Year 11 and sixth form students interested in current medical issues.	Springboard Live Workshop -Antibiotic resistance as a global threat to healthcare	Thursday 31 March 4.00-5.00pm	Booking Form Please watch Lois' original video here
Y12/13 students	A series of online talks/conversations with scientists from NDORMS and other University of Oxford Medical Science departments	Wednesday 6 th April 4pm	Further information and booking
Philosophy			
Who	What	When	Booking Information

Year 11 and sixth form students who are interested in Philosophy.	Springboard Live Workshop - Human Enhancement - introducing the 'Slippery Slope Argument'	Thursday 24 March 4.00-5.00pm	Booking Form Please watch Tess' original video, here
Year 11 and sixth form students who are interested in Philosophy.	Springboard Live Workshop - The Ethics of Charitable Giving	Thursday 5th May 4.00-5.00pm	Booking form Please watch Lewis' original video here

Physics

Who	What	When	Booking Information
Open to students in the UK and Ireland, in their final two years of pre-university education.	Quantum on the Clock Physics competition	Entries must be submitted by Thursday 31st March 2022	Further information and booking

Politics

Who	What	When	Booking Information
Year 11 and sixth form students who are interested in Political theory.	Springboard Live Workshop - What is Fascism?	Thursday 28 April 4.00-5.00pm	Booking form Please watch Joe's original video here

Theology

Who	What	When	Booking Information
State school students in Year 12	Keble College Subject Taster Day	Monday 16th May Application deadline - 12 noon on Monday 25th April	Further information and booking

Non-course- specific programmes and event - Connected Forces

The project is an opportunity **16-19-year-olds from Armed Forces families** across the UK from to make friends, keep in touch with those who have moved away, and mutually support each other through shared experiences.

[Young people who want to find out more can sign up here:](#)

Hertford College - Unsung Heroes of Science

We're challenging you to make a short video celebrating an unsung hero of science who you think deserves wider recognition. The competition is open to everyone, everywhere aged 16-18 and there are no restrictions on who you can choose to celebrate. We want to see who from the world of science inspires you and to learn more about them.

The deadline to submit your video is Friday 29th April

[More information and submission form can be found here](#)

Careers & Enterprise on Twitter

As part of activities for *National Careers Week*, Careers & Enterprise are asking people to share what helped **#LightTheWay** for them when making decisions about their career or education choice – they want to demonstrate the power of starting conversations about careers. [Visit our social channels](#) to get involved and view films which may help light up their next best step.

Year 12 - Nuffield Research Placements

There's still time to apply for summer research placements where students can participate in real-life projects, deepen subject understanding, learn about careers & engage with local employers. There's no cost to taking part and the majority of eligible students also receive a £200 bursary. Closing date is 13th April. [Click here](#)

Resources From Imperial College, London

STEM in Action: Energy and Sustainability Free, self-paced resources for Years 7 to 9

Energy and Sustainability is the latest module for young people aged 11 to 14, to learn more about how scientists and engineers at Imperial College London are working toward creating a sustainable and net zero future.

STEM in Action is an online resource with themed videos and activities that can be done at home. Explore all three modules available to learn more about the different types of research at Imperial.

Nat West Resources

NatWest have produced a School Leavers Guide for students interested in apprenticeships, internships & graduate schemes. [Click here](#) For students in Years 8-13, there's information, advice and guidance on their careers website *Careers Sense* eg what subjects to take to at school, [click here](#)

The *Dream Bigger* programme is full funded initiative focused on developing transferrable entrepreneurial skills in 16-18 year old females across the UK, [click here](#) Finally, the *Find Your Potential* tool will help students think about their choices in a different way. Students can get tailored recommendations based on what you like to do, and how you like to do it. The exercise takes 20 minutes and students will need to create an account first, [click here](#)

Year 10 Cyber Security Residential Course - 20-22 April

Taking place at Royal Holloway, University of London, this Cyber Security course explores the risks threatening our freedom in cyberspace and the latest security measures protecting us from cyber criminals. Learn about secure coding and cyber security technologies. [Click here](#) ***please note there is a cost***

Intensive Tech Course From Skills Gap Please note, charges apply although bursaries are available

Skills Gap is a career accelerator that runs insightful workshops for young people aged 15-19. They are offering a range of intensive workshops this spring, all designed specifically for 15-19 year olds and delivered to small groups by experienced industry experts:

AI in Green Engineering

Saturday, 12 Mar 2022

From precision agriculture to solar roads and designs for flood risk prevention – AI has immense potential to help us develop practical ways to lower our carbon footprint and fight climate change. Our online workshop is led by a civil engineer and expert in machine learning techniques working in the global renewable technology sector. You'll discover the latest trends in green engineering, explore the AI trends shaping its future, and get practical experience of using an AI algorithm to predict windfarm output.

Careers in Nanotechnology

Saturday, 19 Mar 2022

There's a new global industrial revolution underway and it's small. Nanotechnology, the manipulation of matter at atomic and molecular level, is transforming everything from battery power to solar energy and space travel to oncology. Our online workshop is led by Ryo Mizuta, a nano enthusiast and postdoctoral researcher at Cambridge University. You'll discover the trends shaping nanotech applications and get practical experience of using Python to scan electron microscopy data, analysing graphene for real-world applications.

AI in Chemistry

Sunday, 20 Mar 2022

Today's chemists have a powerful tool that's helping to reshape our understanding of the matter our world is made of. AI has the potential to analyse molecules at speed and even design new ones – leading to faster drug development and better carbon capture. Our workshop, led by a PhD Researcher in Computational Chemistry, will introduce you to the world of AI in chemistry and the exciting range of career prospects it offers. You'll also get hands-on experience creating a machine learning algorithm to predict drug solubility.

AI in Astrophysics

Saturday, 26 Mar 2022

With new telescopes powerful enough to see galaxies formed in the wake of the big bang, our online workshop introduces the AI helping scientists to interpret this data to identify stars and plot the shape of the universe. Taught by Joe Sims, an AI PhD student at Leeds University, you'll step into the inspiring world of AI in astrophysics and get first-hand experience of using a neural network to classify stars.

AI in Aerospace Engineering

Saturday, 9 Apr 2022

AI is pushing the boundaries of engineering – and not just with the reality of autonomous flight. From simulated flight training to lightweight components and predictive maintenance, engineers are still discovering its full potential. The workshop is taught by Laurence Cook, an expert in the field of computational design in aerospace. He'll introduce you to the latest developments in AI and aerospace engineering and give you practical real-world experience developing an AI algorithm to design an aircraft wing

Unifrog's Save The Planet Week March 21st-25th

Students in Years 11-13 have a *Unifrog* log-in therefore can access the following:

- *What does it mean to be an environmental activist?* - 21 March, 16:30 UK time
- *Sustainable fashion* - 22 March, 17:30 UK time
- *How to eat sustainably* - 23 March, 17:30 UK time

Smallpiece Trust

The Smallpiece Trust is an educational charity that inspires young people to pursue careers in science and engineering through events and workshops. Courses this spring & summer available in engineering, aerospace engineering, cyber plus more. [Click here](#) for full list. *Please note, some courses charge a fee*

Resources From HSBC

Panel Event with Apprentices, Degree Apprentices - An exploration of various career routes that are available for a career at HSBC. More detail to follow

***** Tomorrow *** 17th March at 6pm – 7pm - How to stand out?**

Opportunity to get an understanding of what a CV should look like, hints & tips to help you stand out from the crowd. To register click [here](#).

13th April at 5pm – 6pm – Commercial Awareness

A session that will help you understand what commercial awareness actually is, both on a small and large scale, alongside helping you to begin building this essential life skill for world of work.

To register click [here](#)

19th May at 5pm – 6pm – Wellbeing

At HSBC we recognise the importance of Wellbeing throughout the year, but May holds special focus as the month of celebration for Wellbeing. It's incredibly important to recognise that 'Self-care isn't selfish'. Join us to explore the importance of wellbeing as you focus on starting a career.

21st June at 5pm – 6pm – Transition Workshop

A session to help young people to identify and develop the skills needed to transition from education to employment

13th July at 5pm – 6pm – Graduation-Apprentices Stories

Be inspired by the successes of HSBC Apprentices and why they chose this alternative route to college/university

17th August at 5pm – 6pm – Resilience & Growth Mind-set

As exam results are announced and future plans are being finalised, a session to help prepare for the changes and challenges you may face

[Click here](#) for HSBC Early Careers website

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

InvestIn Competition The 'My Career, My Vision'

InvestIn invite students aged 12-18 to submit an image depicting their dream career with an accompanying caption. The image can take any form - a photograph, drawing, graphic design, or anything else - as long as it has been created by the student and clearly depicts the career of their dreams. Creativity is highly encouraged! The deadline is Friday 8th April and students can enter now. [Click here](#)

All Years - Big Bang Competition

Know the next space explorer or climate change hero? Got an idea that will transform people's lives? If you have an idea – this competition has just launched. [Click here](#) for more info – closes 20 March.

BAFTA YGD Competition

Young Game Designers is an initiative by BAFTA that inspires and supports young people to create, develop and present their new game idea to the world. The 2022 competition is now [open for entries](#). Enter by 24 March 2022 to be in with a chance of winning. If you're stuck for creative ideas, try out the *Game Idea Generator* on the [YGD website](#)

BIMM Artists For International Women's Day

To celebrate yesterday's *International Women's Day*, the BIMM Institute have created a *Spotify* playlist featuring Institute artists past and present showcasing their amazing talents across a range of different musical genres. [Click here](#) to enjoy.

Science Competitions – Various

Click the [link here](#) to read information on a host of science based competitions. Check for closing dates and eligibility.

Years 12-13 Science at Heart & Lung: Imperial College School Teams Prize

This year's *Science at Heart & Lung Imperial College School Teams Prize* will be divided into two team prizes – “Lung Disease” or “Heart and Circulatory Disease”. The challenges are to design an ePoster which illustrates a strategy for combining hard sciences with biomedicine to reduce the number of disabilities and deaths caused by lung or heart and circulatory diseases. Students will understand the many different jobs and skills contributing to medicine, and how scientific progress can be made by bringing different specialities together (medicine, biology and other sciences such as physics, chemistry, computers, mathematics, engineering). Closing date is 30 June 2022 at midday. [Find out how to get involved](#)

European Astro Pi Challenge

Every year, young people take part to write code that runs on Raspberry Pi computers aboard the International Space Station. This year's challenge has launched! [Click here](#) for more details & information.

Claire Jonas, Careers/Events
The Bishop's Stortford High School
claire.jonas@tbshs.org