

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



National Careers Week 7th-11th March

Next week is *National Careers Week* - a celebration of careers guidance and free resources in education across the UK. The aim is to provide a focus for careers guidance activity at an important stage in the academic calendar to help support young people leaving education.

There are special events and activities planned for all the students including assemblies, workshops and form sessions. Guest assemblies are as follows:

Year 7 Monday 7 th March	Peter Thompson; St James' Wealth Management Personal Finance & Careers in Banking/Finance
Year 8 Tuesday 8 th March	Ian Devonshire: RCA Structure Careers in Engineering
Year 9 Thursday 10 th March	James French & Will Lambert: Sporting Futures Careers in Sport & Apprenticeships
Year 10 Friday 11 th March	Anil Chauhan: RAF Peterborough Careers & Opportunities in the RAF
Year 11 Monday 7 th March	Hannah Girling: Weston Homes Careers in Construction

For students in Years 12-13, Hannah and her team from Weston Homes will also be hosting a careers stand on **Monday lunchtime (7th March) in the reception area of school, 1pm-2pm**. They are currently recruiting for their apprenticeship programme so if your son/daughter is interested in this sector, they are strongly advised to attend.

Careers Workshops are as follows and during *National Careers Week*, are open to students in **all year groups**.

Monday 7th March

Room 22 1.10pm-2pm

Sara Cody from prestigious law firm *Linklaters LLP* of London will be our guest.

Sarah will be discussing:

What do careers in law look like?

Where do lawyers work?

How do you qualify as a solicitor/barrister?

Plus opportunities for engaging with firms and getting an insight into working as a lawyer

Friday 11th March

Room 22 1.10pm-2pm

Reece Allison & Sophia Graves from major construction company *Real Ltd* will be presenting on opportunities in this buoyant sector. *Real* are currently building right in the centre of Bishop's Stortford

If your son/daughter requires an early lunch pass to attend either of the workshops, please ask them to see Mrs Jonas in the library office

Last night our Year 12 students benefitted from a special presentation on post-18 options covering *Next Steps* and career options after sixth form. They will also be visiting the *Discovery Convention* on March 14th at London ExCel to further explore and talk to employers and education providers. CV preparation is also scheduled for *NCW* ahead of external business professionals visiting TBSHS to carry out practice interviews. During form time, Year 13 are preparing, discussing and sharing their own personal post-18 plans and of course all will be invited to the special careers workshops planned next week.

Cyber Explorers Has Launched!

See the Careers section for news.

Year 10 Work Experience

Please note, the deadline for handing in Year 10 Work Experience forms was 4th February. If you have yet to hand in paperwork, please do so ASAP. NB The fee of £11 is due only if the placement is *outside* of Hertfordshire or outside a 5 mile radius from school and in Essex. All placements in Hertfordshire are free.

Apprenticeships

Take a look at [The National Apprenticeship Week 2022](#) tab now on the school's website, [\(click here\)](#) as there's a lot of general information around apprenticeships as well as links to an events page [\(click here\)](#)
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](#)

Years 10-13 Google Apprenticeships Parent Insight Webinar – 9th March 6.30pm

Find out all about apprenticeship opportunities at Google, including Software Engineering, Digital Marketing and Information Communication Technician plus there'll be a Q & A session when you can ask questions directly to Google's recruitment team. [Click here](#)

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.

Roche – Degree Apprenticeship

Roche are currently advertising for IT Business Analysis - Digital and Technology Solutions Degree Apprenticeship
Closing date is March 6th, [click here](#)

Apprenticeship Roles – Bloomberg, Zurich, PwC, NAO, EDF & IBM

[Take a look here](#) and [here](#) and [here](#)

Spotlight On Green Jobs & Apprenticeships

Broadcast live on Wednesday 9 and Thursday 10 March, Spotlight on Green Jobs, in partnership with *NCFE*, will focus on the variety of green careers built from technical education and apprenticeships. The government's ambition to create 2 million jobs in the green economy by 2030 is an exciting opportunity for you to develop skills which will help accelerate the UK towards net-zero. These broadcasts bring together the UK's leading employers and apprentices to inspire you to consider the vocational pathways which will lead you to green careers. [Click here](#)

HSBC Apprenticeships

Various opportunities including the interesting Foundation Apprenticeship, [click here](#)

DSTL Apprenticeships - Porton Down, Salisbury & Portsdown West, Fareham

At the *Defence Science and Technology Laboratory (Dstl)* we provide the science and technology that protects the UK's security. Working closely with the Ministry of Defence (MOD) and wider government, we research, create and deliver innovative solutions that keep the country safe. Many opportunities available. Closing date is 22nd March. [Click here](#)

University Of Nottingham Degree Apprenticeship Mailing List

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

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.

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](#)

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

Cambridge Regional College

Cambridge Regional College Apprenticeship Jobs & Careers Fairs takes place on 9th & 10th March:

Meet companies looking for new recruits and apprentices at both the Cambridge and Huntingdon Apprenticeship Jobs & Careers Fairs. These Fairs will bring local employers together allowing job seekers and young people the opportunity to speak to them about full-time vacancies, apprenticeship positions and any work experience they may have available: Cambridge, 9th March, 4pm-6:30pm/Huntingdon, 10th March, 4pm-6.30pm

Alongside the exhibiting employers, there will be student support services to help with any travel, bursary or careers guidance that may be required to make decisions about the future. Book your tickets at www.camre.ac.uk/ncw2022

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

Virtual Work Experience Allied Health Professional (AHPs) Taster Day - NHS

There is to be an exciting virtual AHP taster day webinar taking place on Monday 7th & Tuesday 8th March, 10am – 2pm. Students will be able to find out about working as an AHP for the NHS in Hertfordshire and West Essex, have the chance to hear about the different 14 roles and opportunities, participate in mock-interview and assessment centre sessions and get questions answered during the Q&A session with NHS staff. To register click [here](#)

Years 8-13 Built Environment - Virtual Work Experience

From *BESS* (Built Environment Skills in Schools) comes virtual work experience specialising in construction/the built environment offering several themed 45 minute sessions. To find out more, [click here](#). To find out more about work experience sessions, [click here](#)

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'.

Check out the TBSHS careers website where you'll find careers links, quizzes & on-line research tools. [Click here](#)

National Careers Week At 7th-11th March

Industry Insights – Five Day Live Streaming Event and On-Demand 7th-11th March 2pm-3pm

Every day there will be a bite-sized hour of insights from leading employers across Engineering, Hospitality, Retail, Finance, Technology & Professional services. Speakers will be sharing real insights into their industries, their companies and their apprenticeship schemes. This is an interactive week of careers learning, designed to raise awareness of work opportunities, smash stereotypes and bust many myths that surround these industries. The panel of employers will be joining live to answer questions put to them during the event. [Sign up here](#)

Timetable

Monday 7th March

Engineering Industry... Few engineers wear hard hats!

Sponsored by Mott MacDonald.

Speakers include Sodexo, Rolls-Royce & GSK.

Tuesday 8th March

Hospitality & Retail... We don't all work on a shop floor!

Sponsored by Sodexo.

Speakers include B&Q, Marriott & Hyatt.

Wednesday 9th March

Finance... You don't have to be a mathematician!

Speakers include Skipton Building Society & Equinti.

Thursday 10th March

Technology... It's not just about data & code!

Sponsored by Mi5, Mi6 & GCHQ.

Speakers include GSK & Jaguar Landrover.

Friday 11th March

Professional Services...

Sponsored by EY.

Speakers include OMG, Tilney Smith & Williamson & Aon

Years 11-13 Weston Homes Careers Day

The Annual Careers Open Day will be hosted at the Head Office (Weston Group Business Centre, Parsonage Road, Takeley, Essex, CM22 6PU) on Saturday 12th March. Chairman Bob Weston will be presenting a short talk on Weston Homes every hour from 9:30am. This is an informative day for students & teachers whereby you can speak to any staff members at the department stands to ascertain whether a career within construction/ housebuilding would be suitable. There will be the following department stands:

Commercial (Surveying, Buying and Estimating), Sales and Marketing, Land (Real Estate Management), Town, Planning, Design (Architecture), Construction Project Management (this does not include any trades)

Finance (Accountancy), Technical (Architectural Technology and Engineering Design), IT

They're looking for a large intake of up to 25 trainee/ apprentices to start in September 2022, further details will be released shortly over the next few weeks, details will be available at the Careers Open Day also.

To register interest please follow the link to our website <https://www.weston-homes.com/careers/early-careers/> or by digital form by [clicking here](#). Please note walk-ins are welcome to attend.

Interested In A Career In Music Performing?

As the TBSHS 42nd Music Festival is taking place, students interested in performance careers might be interested to see a round-up artists and bands who all studied at the renowned *BIMM* Institute. These performers are on impressive trajectories within their scenes, sounds and cities. [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 Tuesday, 29 March 2022 (10 am – 2 pm). 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.

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](#)

Years 11-13 Unifrog's Next Steps Fair – 8th March, 5-8pm

As part of *National Careers Week*, *Unifrog* are running a unique event to give students the opportunity to compare all the different post-school pathways side by side. At the virtual *Next Steps Fair*, students will have the chance to hear from employers, universities, and apprenticeship providers in live sessions and drop by their virtual booths to chat with them directly. They'll also hear from a surprise celebrity guest on how they got to where they are today.

Students in Years 11-13 have a Unifrog log-in and therefore can access this event

Years 7-9 - Virtual Medicine Calling Healthcare Careers Evening

Date: Thursday 10th March (5:00-7:30pm)

Do you want to find out more about the exciting and rewarding careers in medicine and healthcare? Or do you want a career that is exciting, varied and where every day is different? At this virtual event, students will hear from a breadth of healthcare professionals about what it is like working in the NHS, as well as take part in two interactive workshops to discover more about what a career in healthcare entails. To register to attend, students will need to complete an [online application form](#) with a parent or guardian present. **Applications close: Thursday 3rd March 2022.**

Careers in Vs Fx/Animation

EDU is tailored to school and college students under 18 years old who want to learn more about the world of visual effects, animation, games and motion graphics. Tuesday 8th March, 10am - 4pm. [Click here](#) for information and registration

***** Tomorrow *** Careers Webinars – Careers in Sports Broadcasting Thursday 3rd March 4.30pm-5.30pm**

This session will be on Careers in Sports Broadcasting. Register via the link: <https://www.hopinto.co.uk/explore-careers/webinars/virtual-employer-encounters/>

There is now a comprehensive careers library where you can view past webinars on Dentistry, Business, Engineering, Town Planning, Bricklaying, Working in 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.

What University? & What Career? Live - Saturday 5 March

This free event takes place at the NEC in Birmingham. You will have the opportunity to **Chat to over 60 leading universities and employers**, including *J.P. Morgan, University of Oxford, the NHS and Aston University*

Watch a packed programme of **40+ free presentations**, covering everything from choosing the right career path, to acing the application process and get **one-to-one careers advice** from independent experts

To secure your preferred time slot for your school group, **register today**

Year 8-13 Insights: Your Guide to Careers in Green Jobs – New Date – 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/FtInsights7](https://bit.ly/FtInsights7)

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

Upcoming Talks:

DATE	SPEAKER	INFO
Monday 28 th February 2-2:45pm	Finance and Fashion- Mathew Dunn, CFO, ASOS For KS4-5/S4-6	Do you enjoy working with numbers? Are you interested in a career in Accounting? Join us for a broadcast with Mathew Dunn, Chief Financial Officer, ASOS. Tune in to learn about the role of a CFO and some of the different pathways to working in Finance. Interested in fashion? Mat will be speaking about some of the different roles at ASOS. Click here to register
Wednesday 2 nd March 2-2:45pm	Jasmine Whitbread, Chair, Travis Perkins For KS4-5/S4-6	What is it like to be the Chair of a FTSE 250 Company? Join us for a broadcast with Jasmine Whitbread, Chair of Travis Perkins, the UK's largest builders' merchants. Tune in to learn about what helps Jasmine to feel motivated and how she continues to grow and develop as a leader. Click here to register
Thursday 3 rd March 2-3pm	Broadcast in partnership with #Merky Books and HSBC, Niran Vinod and Damola Timeyin, writers of 'How to Build It' For KS4-5/S4-6	Join us for a broadcast with Niran Vinod and Damola Timeyin, authors of 'How to Build it'. They will be discussing their experiences of building a brand, how to unlock your potential and turn your side hustle into a real opportunity. Click here to register
Tuesday 8 th March 10-10:45am	International Women's Day Broadcast: CeCe Sammy, Vocal Coach & TV Presenter For KS3-5/S1-6	We are looking forward to hosting another broadcast with CeCe Sammy, this time for International Women's Day. CeCe will be speaking about what International Women's Day means to her, how to develop your confidence and the women who inspire her. Click here to register
Tuesday 8 th March 2- 2:45pm	International Women's Day Broadcast: Ella d'Amato, Managing Director, Investment and CMO, True & Former	We are excited to welcome back Ella d'Amato for another broadcast. Ella will be joining us on International Women's day to speak about the women who inspire her, the important advice she has been given throughout her life and career, and why it is important to celebrate

	Chief Commercial & Marketing Officer, Not on the High Street For KS3-5/S1-6	International Women's day. Ella is looking forward to answering some more of your questions. Click here to register
Wednesday 9th March 10-10:45am	National Careers Week Broadcast: Hospitality with Joanna Kurowska, Managing Director for UK and Ireland, InterContinental Hotels Group For KS3-5/S1-6	Are you interested in working in the hospitality industry? Perhaps you already have experience of working in hospitality and want to learn more about where it could take you in the future? Join us for a broadcast with Joanna Kurowska, who started out working in hotels and has worked her way up to be Managing Director for UK and Ireland, at global organisation IHG Hotels & Resorts. Joanna is excited to share her industry insights with you and answer your questions! Click here to register
Wednesday 9th March 2-2:45pm	National Careers Week Broadcast: Entrepreneurship and Growth Mindset with Oliver Duffy-Lee, Founder, Launch Pad Academy For KS3-5/S1-6	How do you train a growth mindset? How can having a growth mindset help me at school and in my future career? Join us for a broadcast with Entrepreneur Oliver Duffy-Lee to have your questions about Growth Mindset answered and to find out some of the skills you need to be an Entrepreneur! Click here to register
Thursday 10th March 10-10:45am	National Careers Week Broadcast: Careers in Law with Chris Daw, Queen's Counsel (Barrister) at Lincoln House Chambers and Millennium Chambers, author and broadcaster For KS3-5/S1-6	Are you interested in a career in Law? Join us for a broadcast with one of the country's leading Lawyers, Chris Daw QC to find out what a lawyer does and the different types of lawyer you could become. Click here to register
Thursday 10th March 1-2pm	Green Skills Week Tamara Finkelstein, Permanent Secretary, (DEFRA) Department for Environment, Food and Rural Affairs For KS4-5/S4-6	Did our Green Skills Week campaign inspire you to take action last year? We are excited to welcome Tamara Finkelstein, Permanent Secretary, (DEFRA) Department for Environment, Food and Rural Affairs. During this broadcast, you will learn about some of the main responsibilities of DEFRA and how it is working to tackle waste and improve our natural environment. Click here to register
Friday 11th March 2-2:45pm	National Careers Week Broadcast: Careers in Film and TV with Fiona McGuire, Industry Partnerships, London Screen Academy For KS3-5/S1-6	Have you ever thought about a career in working in TV and Film? We are excited to host a broadcast with Fiona McGuire from the London Screen Academy! Join us to learn about what happens behind the scenes on a set, hear about her industry insights and find out the different types of skills and roles needed in the industry. Also, get your questions ready for the Q&A session! Click here to register
Tuesday 15th March 2-2:45pm	Green Skills Week Campaign: Allison Ogden-Newton OBE, Chief Executive, Keep Britain Tidy For KS3-5/S1-6	Are you motivated to make a difference and improve environmental awareness? Perhaps your school is already involved in the Eco-schools programme! Join us for a broadcast with Allison Ogden-Newton OBE, Chief Executive, Keep Britain Tidy to learn about their campaigns and how you can get involved. Click here to register
Wednesday 16th March 2-2:45pm	Insights into working in TV and Film with Patrick Spence, Creative Director, ITV Studios & Former Head of Drama, Tiger Aspect and Former Managing Director, Fifty Fathoms For KS3-5/S1-6	We are excited to host a broadcast with the Creative Director of ITV Studios! Patrick will be sharing his insights into working in Film and TV and will be reflecting on his successes and challenges. Patrick is really looking forward to answering your questions. Click here to register
Tuesday 17th 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, as Commercial Director for the EMEA region. Click here to register
Thursday 17th 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

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](#).

Are you interested in careers in the Emergency Services? You can watch [Rachel Bacon, Assistant Chief Constable, Northumbria Police](#) talk about careers in the police force or [Jonathan Foster Chief Fire Officer for North Yorkshire Fire and Rescue Service](#) talk about opportunities in the Fire and Rescue Service.

Resources

'Get The Jump' from The National Careers Service

The National Careers Service has launched its 'Get The Jump' campaign, bringing together all education and training choices for young people in one place.

[Click here](#)

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. There 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. Our 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

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

National Apprenticeship Week

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

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

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 *International Women's Day* on 8th March, 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.

Linklaters - Making Links Schools Challenge 2022

The Challenge gives students the chance to develop skills critical to future career success in law and business whilst winning money and prizes for themselves and their school. Those students selected for the virtual Grand Final on 11 and 13 April will also have the opportunity to work with *Linklaters* teams to develop their ideas further and will present their submission to a live judging panel of experts. The overall winning student will be invited to join the *Making Links Discovery programme* with access to work experience, academic support and mentoring. More [information here](#) There is also coverage via the *Linklaters* accounts on [LinkedIn](#) and [Twitter](#). Deadline is 7th March.

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.

Year 13 Gap Year/Internship EA Ski & Snowboard

EA have instructor internships starting in November/December 2022 and are now open for applications. Students will receive expert training, gain their Level 1 ski or snowboard instructor qualification, and get a guaranteed paid job offer with the ski school of their choice. [Click here](#) for more information

Science Competitions – Various

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

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.

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