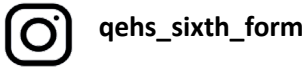




We ask students and their parents to research fully any opportunities advertised in the bulletin to ensure they are happy with the organisation they are linking with and its value for money if there is a cost.



Notices

Personal Development

There is no PD for year 13 next week.

PD for year 12 is only for those who have opted to attend the Medic or Nursing session. These sessions are NOT being held during the usual PD time. The Nursing session is Friday 26 April at 11.30am in Conference room 2 (B floor of Hydro Building). The Medic session is Thursday 25 April at 1.20pm in the Sixth Form Study Room. If you didn't sign up but would like to attend, please do come along.

The Hustings

Sixth form students, Archie and Ben, have organised a Hustings event encouraging young people to get involved in politics ahead of the general election. Meet and ask our parliamentary candidates your questions at QEHS on Friday 26 April 11:20am to 12:30pm.

Scan the QR code to ask your question!



Debating Club

Monday 12.30pm CB4

April 22 - This house would decriminalize the production and distribution of cannabis.

Come and along and join in or just listen. All welcome!

University: Super-curricular**You may be interested in these upcoming events.**

Please note: We have been asked by the universities to share their outreach activities with you. To find out more about a university use university league tables and to research the course area you are interested in at a specific university use <https://discoveruni.gov.uk/> where the views from the most recent graduates on their degree experience have been sought.

Channel Talent Talks**Physics Principles Behind Groundbreaking Engineering - UEA & Surrey - 25 April**

Dr Jack Panter from UEA will talk about wind power with respect to the science of fluid dynamics. Jack will demonstrate how air flows round an aerofoil in a wind tunnel lab and how computer simulations allow us to 'see' inside the normally invisible flow and analyse the forces and torques at play that make a wind turbine turn.

We will then hear from Dr David Birch at Surrey who will explore how some of the most advanced analyses carried out in Engineering are all built upon the same simple principles of mechanics, and how mathematics is used as a tool to solve these complex problems.

- **April 25 @ 13:00 - 14:00 insight4me Engineering/Physics: Physics Principles Behind Groundbreaking Engineering - UEA & Surrey (KS5) [Find out more »](#) [NEW]**

Economics/Geography: Global Poverty - Economic Growth & The Role of Policy Makers – UEA - 25 April

Professor Maren Duvendack from UEA joins us on 25th April to discuss Global Poverty, looking particularly at economic growth and the role of policy makers. Maren notes the last few decades have seen rampant inclusive economic growth but poverty has been pervasive in many countries across the globe. The question is why? We take a closer look at the empirical evidence documenting long term economic growth, income inequalities and discuss the role policymakers can play to tackle poverty and inequality.

- **April 25 @ 09:05 - 09:50 Global Poverty - Economic Growth & The Role of Policy Makers - UEA (KS5) [Find out more »](#) [NEW]**

Mathematics: Constructing Proofs – Surrey - April 29

We are delighted to welcome Dr Jan Gutowski from the School of Mathematics and Physics at University of Surrey on 29th April who will lead a university style Mathematics tutorial on Constructing Proofs. Jan has already provided an introductory Headliner video which can be watched as a class activity or independently in preparation for the live discussion (see link below). In this video Jan discusses Proof as 'the foundation of mathematics', looking at what mathematical proof is and considering some examples of proof by contradiction and induction. Then, in the live session, Jan builds on this by discussing 'From Induction to Fractals' and considers how complex numbers can be used to define astonishing fractal geometries.

- **April 29 @ 16:30 - 17:15 Mathematics: Constructing Proofs - Tutorial – Surrey (KS5) [Find out more »](#) [NEW]**

Biology: How Genomics Can Improve The Fight Against Disease - Solent University - April 30

On 30 April we will be considering the application of Genomics in the fight against disease through novel gene technologies. Leading this interactive discussion, Dr Amr Abdelgany, Biomedical Science Course Leader at Solent University, will explore how our genes not only control biological processes but may also have roles in disease development. Amr will look at the profound progress on pioneering novel gene technologies such as RNA interference to identify a gene's role in disease.

- **April 30 @ 11:10 - 11:55 Biology/Medicine: How Genomics Can Improve The Fight Against Disease - Solent University (KS5) [Find out more »](#) [NEW]**

Natural Sciences: Oxidation Of Pollutants In The Atmosphere - May 1

On 1 May, we begin a series of Natural Sciences events with Dr Daniel Stone from University of Leeds and representing the Society for Natural Sciences. Daniel will introduce interdisciplinary approaches to consider ways hydrocarbons and volatile organic compounds are oxidised in the atmosphere, ultimately leading to the production of carbon dioxide and water. **We look at how we study these processes to determine their impacts on air quality and climate.**

- **May 1 @ 13:30 - 14:15 Society for Natural Sciences: Oxidation Of Pollutants In The Atmosphere (KS5) [Find out more »](#) [NEW]**

Hexham Book Festival

Reminder, Hexham Book Festival is currently taking place with some fantastic speakers and events. Please have a look at the suggested list below:

Len Pennie, 'Poyums', sharp, hard-hitting and witty poetry, Saturday 4 May 6.30-7.30 pm,
<https://www.hexhambookfestival.co.uk/event/lenpennie>

Marianna Spring, 'In Among The Trolls', the BBC's first disinformation and social media correspondent, Sunday 5 May, 12.30-1.30pm,
<https://www.hexhambookfestival.co.uk/event/mariannaspring>

Subhadra Das, 'Uncivilised: Ten Lies That Made The West', the history of scientific racism and eugenics, what those histories mean for our lives today and racial biases behind concepts such as "Justice" and 'individuality', Saturday 4 May, 6.30-7.30pm, <https://www.hexhambookfestival.co.uk/event/subhadradas>

Ben and David Crystal, 'Everyday Shakespeare', an entertaining trove of trivia, miscellaneous facts, historical context and opportunities for reflection, the Crystals highlight the Shakespeare's matchless ability to express our everyday thoughts and emotions, Saturday 27 April, 6-7pm,
<https://www.hexhambookfestival.co.uk/event/benanddavidcrystal>

Newcastle Routes into STEM – Free Courses for Year 11 & 12

EDT Routes into STEM would like to invite you to join the Newcastle course to raise your awareness of the post-16 education and careers landscape. On each day students will visit a top university or employer and get to explore their facilities, hear from STEM professionals, and take part in interactive workshops.

28 May 2024 - Day 1 – Northumbria University – see what it is like to study at Northumbria University, including taster labs, workshops and taster lectures as well as exploring the facilities and hearing from students about their experiences.

29 May 2024 – Day 2 – Newcastle University – see what it is like to study at Newcastle University including taster labs, workshops and taster lectures as well as exploring the facilities and hearing from students about their experiences.

30 May 2024 – Day 3 – Capita – is a property and infrastructure consultancy, they advise, design and project manage a wide range of assets including property, water supplies, transport and flood defences for major asset owners, investors, occupiers and operators.

31 May 2024 – Day 4 – Accenture – a technology consultancy, offering professional services to the world’s leading businesses, governments and other organisations, including specialists in Cloud, AI and data.

On completion of the course, you will:

- receive an Industrial Cadets Silver Award to show what skills you have developed, a great addition to your CV, UCAS statement or apprenticeship applications
- raise your awareness of the post-16 landscape, including study options, apprenticeships and traineeships
- increase confidence in your ability to learn and develop new skills your post-16 experience
- gain an understanding of how your chosen post-16 option can help you to achieve your longer-term goals.

You will need to attend all four days, each day will be from 9am – 4pm. The course is fully funded but you will need to arrange your own transport to and from venues and bring your own lunch on each day.

There are just 30 places available on this course so apply early to avoid disappointment.

[Apply Now](#) Applications close on Tuesday 7 May 2024.

Sheffield Hallam University Student Funding Online Webinar

Wednesday 24 April

Time: 18:00 -19:00

Where: Online (MS Teams) joining instructions will be sent to those who have booked on.

In collaboration with a guest speaker from the Student Loans Company, Sheffield aim to provide valuable insights into the student funding process and budgeting whilst at university.

[Students and parents can register here to attend](#)

Russell Group Webinars Fair

Tuesday 30 April 2024 - Thursday 2 May 2024

UK University Search are excited to be collaborating with the Russell Group once again to bring you popular, informative and inspiring webinars that cover a range of key topics.

Taking place from the 30 April to the 2 May, there are five 90-minute sessions each featuring five or six expert panellists who will offer clear, impartial guidance for students looking at taking the next step in their educational journey.

In each session the Q&A function will be managed by other member universities from the Russell Group who will be able to answer specific questions and provide further information.

ONCE YOU HAVE REGISTERED YOU WILL BE ABLE TO SELECT THE WEBINAR/S YOU WOULD LIKE TO JOIN BY CLICKING ON THE ZOOM LINK/S.

Please also register if you would like to be emailed access to the recordings.

The schedule is as follows:

Day 1 - 30 April

An Introduction to the Russell Group and Why Choose to Study There? 12:00 to 13:30

Student life at University 16:30 - 18:00

Day 2 - 1 May

The International Students Session - 9:00 to 10:30

Day 3 - 2 May

Researching University Options - 12:00 to 13:30

Personal Statements and Applying to a Russell Group University - 16:30 to 18:00

To register, please click [here](#).

Virtual Insight into University

When is it? The experience will run from 1 July until 23 August and can be completed flexibly to fit around other commitments and study at a pace that suits individual circumstances. Who is it for? The experience is open to all students age 16+ and is suitable for all abilities, with activities that cover different levels of advanced study. All students need is a genuine interest in STEM and inquisitiveness about what the future can hold for them and how they can help get themselves there.

How to apply? Applications open on 4 March 2024. To apply, please click [here](#).

Discover Dental and Optometry at Teesside University

Led by skilled academic tutors, these online talks are a fantastic opportunity for students to get a flavour of Teesside courses and gain an insight into the industry and careers available.

Discover OPTOMETRY - 24 April at 10.30am.

To book [CLICK HERE](#)

Discover DENTAL - 25 April at 10.30am.

To book [CLICK HERE](#)

Virtual Get into Medicine or Get into Dentistry Conference – UCAT Support

These conferences are led by experienced doctors and dentists who specialise in guiding students through every step of the application process, and include guest speakers from top 10% UCAT scoring students and mentors to provide comprehensive UCAT exam preparation.

Register for the Get Into Medicine Conference on:

Saturday 27 April, 9:30am - 3:30pm

Sunday 28 April, 9:30am - 3:30pm

<https://airtable.com/appgXnyzN5ZD9lwk6/shry7MZYtt3MGPjvO>

Register for the Get Into Dentistry Conference on Saturday 20 April, 9:30am - 3:30pm:

<https://airtable.com/appgXnyzN5ZD9lwk6/shrZU7aRlcdjCLPrB>

Attending these conferences will not only provide your students with valuable insights and strategies for tackling the UCAT, but it will also give you an opportunity to connect with other like-minded individuals who share your passion for pursuing a career in medicine or dentistry.

Students and parents can register for free at this link:

Medicine: <https://medicmentor.org/get-into-medicine-university-conference/>
Dentistry: <https://dental-mentor.org/get-into-dentistry-university-conference/>

Apprenticeships (remember to check <https://www.findapprenticeship.service.gov.uk/> regularly and any employers, such as the NHS, who you are particularly interested in working for).

EY Apprenticeship Programme

Degree Apprenticeship in Digital and Technology – Assurance - Newcastle

Through Assurance and our market leading Audit services, you'll help local and global businesses to succeed with your tech-savvy assurance and advice whilst studying for a BSc. You'll learn how we deliver trust and confidence via our data driven audit, at a global scale and across a hugely diverse portfolio of clients.

You'll be in a supportive team and will receive regular coaching and mentoring. You'll be learning on-the-job and will be given access to regular training opportunities. Plus, your experience doesn't stop once you've completed the programme – we'll continue to give you opportunities to progress within EY.

What will you be doing?

- Specialising in Data Architecture and Integration, Solution Engineering and Development; Data Science; Technology Operations and Service Delivery or Cyber and Information Security
- Analysing data sets, designing, prototyping and building new tech solutions for clients, and advising different teams on leveraging new technologies
- Helping clients use the latest tech to deal with complex issues like fraud, automating compliance processes, chatbots and the future of work

Programme duration - Four years

Qualification/s you'll gain - Study towards a BSc degree in Digital and Technology solutions with BPP University

**This is just one example of the apprenticeship opportunities available at EY. For a full list of what is on offer, please click [here](#).*

Outdoor Activity Instructor Apprenticeship – Dukeshouse Wood, Hexham

Start date: Monday 2 September 2024

What you'll be doing:

- Delivering a variety of high-adrenaline outdoor activities using a range of specialist equipment
- Learn how to design and run your own sessions
- Undertake various external National Governing body (NGB) qualifications
- Deliver entertainment sessions and provide fun and exhilarating experiences
- Ensure all equipment and safety checks are conducted in line with company procedures
- Ensure compliance with company H&S policy
- Understand and comply with the Company's Safeguarding Policy
- Support with centre projects

Course duration: 13 months

For more information, please click [here](#).

Careers and Work Experience

Vindolanda Trust work Experiences Opportunities

The Vindolanda Trust would like to offer to **3 student work placements 8 - 12 July**. This will be hosted at the Roman Army Museum in the brand-new Activity Centre.

This is a fantastic opportunity and would suit students who are interested in Heritage, Culture and Museums and STEM. You can find a copy of the work experience schedule attached to the bottom of the bulletin. This will tell you what you can expect during your week, and what key skills you will learn.

If you are interested in a placement, please write 200 words on why you would like this opportunity and send to sophiewestlake@vindolanda.com

Virtual Work Experience Opportunities

If you are struggling to find work experience, you may like to consider a virtual placement. Please click on the following Speakers for Schools link <https://www.speakersforschools.org/work-experience-opportunities/> to have a look at what is on offer.

Enter the dates 8 – 12 July and select 'Virtual Work Experience' from the drop-down list. There are three opportunities listed for work experience week, including the Royal Air Force, Discover! Creative Careers, and Mondelez, the team behind Cadbury chocolates.

EDT Placements Open Day Session

May 1, 2024 16:00 Online

EDT Placements programme is a free service helping place school and college leavers with companies across the UK every year. The programme lasts for 12 months and is a paid placement. If you are a school or college leaver looking for a year's work experience prior to going to university or as a year to help decide on the future direction of your career - be that higher apprenticeship, university or work join this FREE session to find out more about the Placements programme and how it can help you to find a paid work placement to enhance your skills and gain experience and professional development. You will have the opportunity to ask questions to the Placements Team and Placements Ambassadors via a live Q&A chat!

To join, please click [here](#).

Anything Else!

Theory Test Pro – Northumberland Library Services

Theory Test Pro is a highly realistic online simulation of the UK's driving theory test. It allows you to keep track of your learning as you prepare for your real test.

Features include:

- The Official practice test question bank
- Choose between car, motorcycle, passenger carry vehicle and heavy goods vehicle categories
- Hazard perception video clips
- Online version of the Highway Code
- Material licensed by DVSA (Driver and Vehicle Standards Agency)
-

Sign in with your Library membership number and PIN from home or using a library PC. Click here to access resources <https://northumberland.spydus.co.uk/cgi-bin/spydus.exe/MSGTRNGEN/WPAC/THEORYTESTPRO>

Newcastle Arcus Pride Art Competition 2024

With the theme "**Pride Without Borders**," we are eager to create a platform that celebrates the diverse talents of LGBTQ+ artists and their allies in the region. Therefore, this year rather than curate a collection from established artists, we wanted to add a special touch to the event and are looking for submissions from local schools, universities and artists.

Our panel of creative industry experts will select the top three pieces from each of our chosen categories. The winning artwork will be displayed during our annual Pride Art Show held at our [Newcastle](#) office on **Thursday, 6 June 2024** and for the duration of Pride month.

How to submit an entry

Our 2024 theme is 'Pride without Borders', a statement of solidarity and a beacon of inclusivity. We stand together, proud, and unapologetic, celebrating love and identity in all its forms.

We have three categories that are open to entrants:

Category 1: Rising Stars (open to students in Year 12-13)

Category 2: Aspiring Innovators (open to undergraduates/postgraduates)

Category 3: Artistic Collective (open to any LGBTQ+ artists and ally artists who do not fall into categories 1 or 2)

All mediums accepted. Please send a photo or a scan of your entry to Jen.Longstaff@cliffordchance.com & Katie.Mcwilliams@cliffordchance.com including:

1. The category you are submitting your piece under
2. Dimensions of your artwork
3. A short biography as to the background to the piece and yourself as an artist. If your piece is digital, please send it as either a JPEG or TIFF file. Please include the current school or university you attend if applicable.

All entries must be submitted by the 10 May 2024.

The winning three entries from each category will be on display however, we may choose other notable entries to display in addition.

VINDOLANDA

CHARITABLE TRUST

This Work Placement is aimed at young people aged 16 – 17 years to gain valuable work experience for their future careers and studies. This work placement would especially suit students who are interested in Heritage, Culture and Museums. However, as the team determine their project focus, this could meet a broad range of interests and subjects, including STEM.

We would like to offer this opportunity to 3 students from the 8th – 12th July 2024. Please contact sophiewestlake@vindolanda.com for further information.

Day	Time	Activity
Monday	9:45am	AD122 bus arrives.
	10am – 11am	Welcome to the Museum! A welcome to the workplace experience cohort – a chance to meet key team members and each other. Building and site induction, including basic health and safety, building access, fire evacuation and orientation.
	11am – 12noon	Museum: you will have time to explore the Roman Army Museum, understand the collection in more depth and try out some of our family trails.
	12noon – 1pm	Lunch
	1pm – 2:30pm	Meet the expert: you and your project team will have the chance to meet our curator and get a behind the scenes look at the Vindolanda Trust collection to support you in your project task.
	2:30pm – 3pm	Break.
	3pm – 3:30pm	Project briefing: led by the Activity and Diversity Officer, we'll introduce the project task. As a group, you will be carrying out research, planning, and designing a public engagement event to be delivered at the Roman Army Museum on Friday.
	3:45pm	AD122 bus leaves.
Tuesday	9:45am	AD122 bus arrives.
	10am – 12noon	Post-excavation at Magna: you will work with our pottery specialist and excavation volunteers to wash, identify, and bag artefacts from the excavation site at Magna.
	12noon – 1pm	Lunch
	1pm – 2:30pm	Excavation at Magna: you will get a behind the scenes tour of the excavation site at Magna, an opportunity to speak with the archaeology team, and learn more about the ancient site of Magna.
	2:30pm – 3pm	Break.
	3pm – 3:30pm	Working on your Project: you and your group will brainstorm some ideas for your project. This will be a public engagement activity to be delivered at the Roman Army Museum on Friday 12 th July. It will be inspired by the current research and/or collection at the Vindolanda Trust. This can be anything you and your team would like to focus on. Let your imaginations run wild!
	3:45pm	AD122 bus leaves.

VINDOLANDA

CHARITABLE TRUST

Wednesday	9:45am	AD122 bus arrives.
	10am – 12noon	Time to work on your project with your team.
	12noon – 1pm	Lunch
	1pm – 2:30pm	Accessibility Training: led by the Activity & Diversity Officer you will have the opportunity to understand more about how to make activities accessible to a wide, public audience, including visual impairment awareness training, autism awareness training.
	2:30pm – 3pm	Break.
	3pm – 3:30pm	Time to work on your project with your team.
	3:45pm	AD122 bus leaves.
Thursday	9:45am	AD122 bus arrives.
	10am – 12noon	Time to work on your project with your team.
	12noon – 1pm	Lunch
	1pm – 2:30pm	Time to work on your project with your team.
	2:30pm – 3pm	Break.
	3pm – 3:30pm	Time to work on your project with your team.
	3:45pm	AD122 bus leaves.
Friday	9:45am	AD122 bus arrives.
	10am – 11am	Prepare and launch activity: with the support of the Activity & Diversity Officer you and your team will set up for your activity in the Roman Army Museum.
	11am – 12noon	Public engagement event.
	12noon – 1pm	Lunch
	1pm – 3pm	Public engagement event.
	3pm – 3:30pm	Well Done! We'll have time for feedback, be able to revisit the objectives set at the beginning of the week, and then celebration time with refreshments!
	3:45pm	AD122 bus leaves.

Skills Gained (Soft Skills):

- Verbal and written communication.
- Timekeeping.
- Collaboration and teamwork.
- Creative thinking.
- Research and interrogation of resources.
- Justification of decisions and adaptability.
- Active listening.

Skills Gained (Hard Skills):

- Diversity and disability awareness.
- Object handling training.
- Museum interpretation.
- Archaeological record keeping.