



CAREERS EDUCATION

AT NORTHWOOD SCHOOL

TERMLY BULLETIN Summer / 2022



Our Careers Education Vision

Each student has a clear Career Pathway that addresses their individual needs. Their plan is ambitious, yet realistic and opens doors in the future. It provides them with opportunities to be leaders of tomorrow, be resilient young people who are ready to take their place in society. It will give them the brightest future possible.

Summer Term Highlights

- **Big Bang Digital Careers 2022** - Students in Year 7 and Year 9 took part in a STEM event to discover the amazing possibilities of careers in the future. During the event students watched careers panels that shone a spotlight on sustainability, health, wellness and technology. Students watched the panel on STEM adventures in healthcare where employees from the NHS and Specsavers discussed the future of STEM in their industry and how careers are changing.
- **Sports Day:** Sports Day took on a career's spin with the PE department introducing students to career roles. Each form class had a nominated journalist, organiser/team manager and a medic who effectively ensured that the teams were hydrated. This was a creative way for students to acquire knowledge and skills about various job roles.
- **RAF Inspire Women Day (May 2022)** - 15 female students were transported to RAF Northolt to take part in an Inspire Women Day where they learnt about all the varied careers women do in across various sectors..
- **Kilnbridge Engineering Workshops:** a local engineering company whom the school has partnered with hosted various workshops for our students in Year 7 and 8 making the link between subjects and careers.
- [London Labour Market Bulletin June 2022](#) - Did you know that there are more jobs than unemployed people in the UK? There is a 'significant mismatch' between the skills young people develop in school and college today, and those the future economy will need. The Green Jobs Delivery Group will support up to 480,000 skilled green jobs by 2030. There is a new taskforce set up to support women entrepreneurs.
- **Post 16 Opportunities & Next Steps:** Hillingdon Borough will be running two face to face events: 14th & 21st of July at the Boundary House, Cricket Field Road, Uxbridge, UB8 1QG (just behind the Civic Centre) from 2 pm - 4 pm on both days. This is an opportunity for students and parents to meet and talk to providers about their next steps in education, employment, or training.
- **The National Careers Service** is also holding free online sessions for families considering results day and next steps. It is called Exam Results 101 and you can sign up via Eventbrite.
- **Impartial advice and personal guidance** continues every Wednesday with our external careers adviser undertaking tailored, one-to-one student meetings. The focus is now on Year 10.
- **Parent Feedback** - please spend a few minutes on our Careers & Education Programme Survey

J. Lewell | Senior Pastoral Leader

WHAT HAPPENED THIS TERM FOR EACH YEAR GROUP?

YEAR 7



INSPIRE

Spotlight on our PE CareersEd Champion - Mr Lewis:

'Our goal in Physical Education is to educate and expose all students to a vast range of sports and the benefits that they bring. With the idea being that all students will leave Northwood School having a strong understanding of a healthy lifestyle, with PE lessons playing an integral role in that. As well as the physical and mental health benefits of PE, a fundamental part of PE is spent developing key life skills such as: Leadership, Communication, Cooperation, Confidence, Adaptability, Creativity, Motivating, Constructive Feedback, Problem-solving, Listener, Coaching and more. These are all core skills that will be vital for future success and employment. We also aim to give our students real life exposure and experience to professional and ex-professional athletes who have profited from the benefits of sport during and after their professional careers. Physical education at Northwood School is for everyone and we aim to provide all with the opportunity to enjoy and develop life long skills that they can transfer into any field of work'.



- **English:** students were given the opportunity to create their own charities by putting together a mission statement and case study. They had to market and raise funds for their charities as well as pitch their charity idea to their peers. These are fantastic skills which all students will need to utilise in the workforce so exposing students to these opportunities early is key.
- **Design & Technology:** students took part in a Big Bang STEM event looking at how jobs are changing and what future careers might be. Students also had a workshop with Kilnbridge engineers where they had to build a bridge using a limited number of objects.



Anaya (Year 7): Build Bridging Workshop

"My experience of the Kilnbridge workshop was so interesting. I loved having to use outside of the box thinking and being creative. The hosts of the workshop were amazing as they told us about their own bridge project which inspired me. The project itself where we had to physically make a working paper bridge used technical thinking which in product design is needed to improve and create new things. I liked how each group would create something totally different to one another but all had the same concept. I loved this workshop and hope to do this type of thing in the future!"

Ryan and Sophie (Year 7): Big Bang STEM event

"It was interesting seeing what different jobs there are in STEM".
"Technology is changing fast and so are careers"

Top tips for Year 7 students (and parents/carers)

- Take the buzz quiz @ <https://icould.com/> to find out what roles best suit your personality!
- Watch videos on different jobs @ www.careersbox.co.uk

YEAR 8

- **Science:** students had a workshop with Kilnbridge engineers where they had to build a bridge using a limited number of objects.
- **Geography:** students got to use geographical information systems and apply these in the world of work - webinars and resources which were provided by a company called ESRI.
- **English:** all students participated in speaking competitions where they had to write a speech on a topic of interest and present it to Year 7 who voted on the best speech. This enhanced students voice skills, presentation skills and confidence which are much needed across a range of careers.



Priscilla (Y8): Kilnbridge Workshop

"Two people from Kilnbridge came to our school to talk about how you build a bridge, and make it strong enough to hold a toy car in the middle. I thought it was a really good experience for the school to widen students' knowledge if they were interested in architecture and engineering.

We had a total of £100 and were only allowed to use A4 paper which cost £10, paper clips which cost £3 each and 10cm cello tape which cost £10 to build a bridge to go across a 40cm length between 2 tables. We were given 25 mins to do this. After the time was up and seeing everyone's bridges we learnt that tightly rolling up the paper makes it stronger but creasing and folding may make it thicker but can weaken the bridge.

Overall I think everyone had a great time and enjoyed it a lot"



Top tips for Year 8 students (and parents/carers)

- Find out about different jobs and their salaries @ www.careersbox.co.uk
- Find the salary of your dream job @ [://nationalcareers.service.gov.uk](http://nationalcareers.service.gov.uk)
- Take the buzz quiz @ [//icould.com](http://icould.com) to find out what roles best suit your personality



INFORM

YEAR 9



EXPLORE

- **PE:** students got to hear from a professional athlete who talked about her path to a sporting career (see below).
- **Computer Science:** students had a series of lessons focusing on the world of work. They covered remote working, collaborative working methods, IT tools and how to be in a safe working environment. They also experienced setting up networks.
- **MFL:** as part of their lessons students got to speak about different jobs and what skills are required for those jobs in both French and Spanish. Students also had to write a paragraph about the qualities needed for various careers and this formed part of their end of year assessment.
- **Design & Technology:** students took part in a Big Bang STEM event looking at how jobs are changing and what future careers might be. enhanced students voice skills, presentation skills and confidence which are much needed across a range of careers.

Cameron C (Y9) - British Athlete Montell Douglas visit

"The Y9 students were honoured by a visit from professional Great Britain athlete, Montell Douglas. Montell competed in sprinting events (100m and 4x 100m relay) at two summer olympics and a winter olympics, in the two women bobsleigh - Beijing 2022. She has also competed in numerous other sporting events such as the Commonwealth games where she won gold for Team GB.

All year 9 students attended a brilliantly presented assembly from Montell (or as she asked, 'Monty') about her journey and was truly inspirational as she talked about her commitment and passion for her sports. For the rest of the day, she was presenting intriguing and inclusive workshops on life lessons such as leadership. She was very good at making her presentations and workshops very fun, enjoyable and learning experiences and I felt that her visit was time very well spent for anyone aspiring in any field of work, not just in sport, but in any role all over the world.

Montell Douglas is, I believe, a very good picture of what anyone should aspire to be - not as an athlete, but as a wonderful human being and a very successful but humble person. I speak for everyone present that day when I say that my future is now a lot brighter than it was yesterday."

Kyle D (Year 9): Big Bang STEM event

"I didn't know there were so many different careers/jobs in healthcare"

Top tip for students (and parents/carers)

- Watch videos on different jobs @ www.careersbox.co.uk
- Research what an Apprenticeship is @ amazingapprenticeships.com
- Find the salary of your dream job @ nationalcareers.service.gov.uk
- Take the buzz quiz @ icould.com to find out what roles best suit your personality

YEAR 10

- **Maths:** A Bank of England session taught students what a career in central banking might entail across the various departments and how maths was a key subject link to jobs. Students were not only enlightened about the types of jobs available, but learnt about the underground gold vaults.
- **Science:** Bristol Myers Squibb pharmaceuticals came into a Science lesson to present to students on what it is like to work in drug research and trials.
- **Business:** GCSE students had participated in the 10x Challenge where they had to run a small business for profits. Key employability skills were tested including teamwork, presentation and communication skills. Business students also met with John Lewis Partnership employees to consider roles in the retail sector and entry routes into those careers. One of the speakers had joined Waitrose through an apprenticeship which helped students explore apprenticeships as routes into ambitious careers.
- **D&T:** A cohort of students are to visit the hospitality and catering team at law firm, BDOs, in the city, giving them a vital experience of a real workplace.
- **Computer Science:** Virtual BNP Careers Insight session A Senior Facilities manager- Business Partner.



Aryan S (Y10): Bank of England talk

"The central bank of England, or "The Old Lady of Threadneedle Street", has many roles & responsibilities that I never knew about until now. For example, it controls inflation rates, attempting to keep them at their target of 2%, and it oversees monetary policy. Furthermore, I found the secrets of the "gold" very interesting as it is locked hundreds of metres under the Bank itself, and having gone there myself, I could see how impossible it would be to ever break in.

The BoE offers a wide range of jobs, not just to do with finance, but also mathematics, computing and even science. My brother works in the BoE in Banking Supervision, which is mainly finance oriented. However, there are other jobs like cyber security and engineering in the Bank as well. Lastly, I realised how closely mathematics and economics are related as statistical models are frequently used to forecast inflation rates and other economic measures. Maths and economics go hand in hand when working at the Bank, and it is very important to be proficient in maths to be able to work there. The BoE talk was very insightful to me and the rest of the school, and we thank them for coming to share their expertise in the banking industry".

Top tip for students (and parents/carers)

- Find out your options at the end of KS4
- @ www.northwood-school.org.uk/Year-11-The-Next-Steps
- Watch videos on different jobs @ www.careersbox.co.uk
- Search different roles / sectors @ [://nationalcareers.service.gov.uk](http://nationalcareers.service.gov.uk)

PLAN

YEAR 11

Students have made their all important **XYWg]cbg** on what to do next year guided by the pastoral team, subject staff and our independent careers advisor.

- Year 11 have had the opportunity to meet again with the careers advisor if they have had a change of direction in terms of further education to ensure they have a fixed plan that fulfils their skills and ambitions.

- All of our Year 11s are ready for their next steps into post 16 education with ambitious plans for further education whether it be moving to a sixth form, college or taking up an apprenticeship placement.

- At this point in the year it is without hesitation that we wish Year 11 the best of luck in their post 16 placements and future careers.
- They have worked tirelessly to ensure they have a bright future and we hope that they will keep in touch so that we can hear about their every success in the future.
- We would love to extend the invitation to all students to come back and talk to lower year groups about their further education and career journeys.






































































































































































































Top tip for Year 11 (and parents/carers)

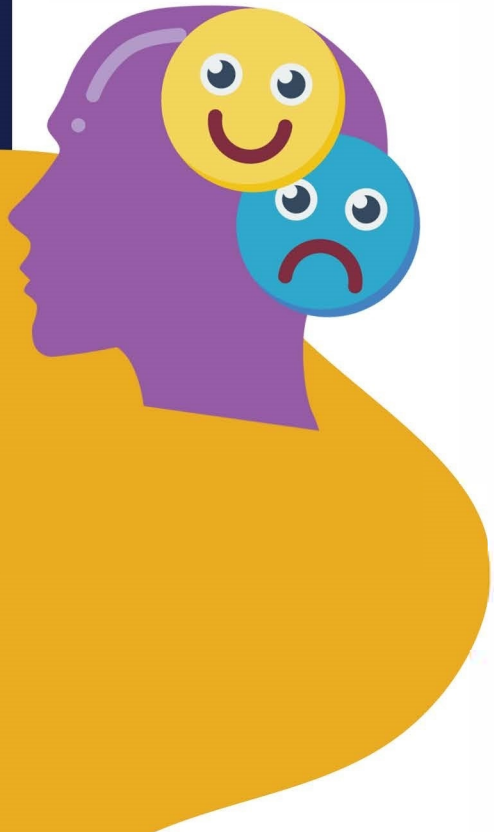
- www.northwood-school.org.uk/Year-11-The-Next-Steps
- [Post 16 Pathways](#)



YEAR 12



- **Royal Holloway Session on University & Course Choice**                                             
- **London Metropolitan University:**                                          
- **Cooking:**                                        
- **Apprenticeships:**                                     
- **Science:**                                 



Emma W (Y12) - RAF Inspire Women Day

RAF Inspire Women Day was a day where we were able to hear from a woman who has served in the RAF. Emma W, a member of the RAF, came in to talk to us about her experience. She told us about the challenges she faced and the rewards of serving in the RAF. She also talked about the importance of teamwork and communication. We were all inspired by her story and the values she represented.

Farhad (Y12) - Royal Holloway Session on How to Choose a University and Course

"James Calcutt from Royal Holloway came in to guide us in the process of choosing courses and universities. He talked about not only the benefits but also the alternatives to each spectrum of university life: campus/city, home/away and student accommodation vs finding your own. He also talked about sandwich degrees".



YEAR 13

Whilst Year 12 students were busy researching their post 18 options, Year 13 students were finalising their plans. Year 13 students were busy with exams and focusing on their dreams of going to university, apprenticeships or straight to the world of work. They continued to be supported in making decisions about their life beyond school. All students who applied to university managed to secure offers; 50% of which were Russell Group universities ranging from Oxford to Sheffield.



Two students successfully managed to secure degree apprenticeships: one at Atkins, a multinational engineering company, and one at British Airways. With the labour market landscape changing and degree apprenticeships becoming more attractive because of no student debt, the application process is fiercely competitive. We are very proud of the two students who achieved these. As both apprenticeships and employability skills are in big demand, we will continue supporting our young people to make important choices.

Students continued to have access to the impartial careers adviser who visits the school each Wednesday. Continual signposting of opportunities across all fields were shared with all sixth form students.

Regular 6th Form signposting to:

- Career opportunities, work experience, apprenticeships, lectures & events
- International Women in Engineering Online event to meet Siemens, British Airways and other big STEM companies
- Apprenticeship vacancies locally and nationally
- University Open & Taster Days, UCAS Discovery week and UCAS Hub events
- Lecture and events including a lecture by Simon Singh at Harrow School
- University and Apprenticeship Fairs
- University summer schools
- Summer work opportunities
- Opportunities for volunteering and community work
- Career Insight events into many different careers.
- Access to Oxbridge events
- Free employability skills courses



SPECIALISE