

# *Brook 6th Form & Academy March 2023 Newsletter*



## *Staying connected*

This newsletter is an insight into some of the exciting things we have had going on this term. As most of you may know, we are currently in the transition period of becoming Brook 6th Form and Academy, with the full transition complete in time for September.

We would be very grateful if you could leave us a google review.



**BROOK 6TH FORM  
& ACADEMY**


A UNIVERSITY TECHNOLOGY COLLEGE

# What is going on?

EVERY TUESDAY

# CHESS

TOURNAMENT



8:30AM IN THE  
SPORTS HALL

Please ask your form tutors first and make sure you get signed in by them before going to the sports hall



YEAR 10 & 11




# MULTI SPORTS

FRIDAYS  
8:25AM - 8:55AM



# YEAR 10 & 11 FOOTBALL & BASKETBALL



**TUESDAYS  
3-3:30PM  
SPORTS HALL**

# Engineering Coursework Units Catch Up Y10 & Y11 Monday-Wednesday 3pm - 3:30pm Mr Dagless' Room





# *What is going on?*

**THE NEED,  
THE NEED FOR  
SPEED**

*Karting*  
**CLUB**



**Help us prepare for the soapbox race of  
the year!**

**Everyone is welcome**

**Every Tuesday & Wednesday**

**Engineering Workshop**

**3pm-3:30pm**

**Dress code: Boiler suits and boots**

**Run by Mr Haque & Mr Nottage**



**Karting club will be  
taking part in the Great  
Dunmow soapbox race  
on April 30th!**



# Our school review

We are now recognised on Google Maps as  
Brook 6th Form & Academy.

However, this means we currently have 0  
reviews. Please leave us a review if you can!

Brook 6th Form & Academy



# Maths Activity Week 19th December 2022

RUN BY HEAD OF MATHS MR DAVID

Throughout the maths activity week we had multiple competition running. This included a Rubik cube competitions, a maths mystery competition, chess and draughts. The students enjoyed their break and lunches competing against each other for the winning spot!



A big well done to Aaron who complete his Rubik cube in 46 seconds!



Also a big well done to Ally Year 12 for Draughts, Jack and Faustus Year 11 for the maths mystery investigation and Jasper Year 12 for chess and to our runners up and every one who took part.





# Achievement Assembly 22nd December 2022

RUN BY ASSISTANT PRINCIPAL MR  
LEIWS

We use the end of every term as a time to celebrate the students achievements. Each subject teacher will pick 2 students from every year group they would like to award certificates. Here are some of our achievers from December.





# West Ham Work experience Monday 30th January 2023



Our Year 11 students had the opportunity to complete work experience at West Ham football club. During their time at West Ham they used their PowerPoint skills to make two presentations. The first powerpoint was an observation of a football tournament and the second powerpoint was about knife crime. Once created they then worked as a team to present to some of the colleagues at West Ham.



Some of the skills our students gained/ adapted were:

- team work
- observation
- presenting
- building confidence
- preparation
- engaging audiences
- focusing on pace and tone
- showing enthusiasm about your topic
- working well under pressure
- answering questions







# Year 12 University Engagement 11th January 2023

Students in Year 12 and 13 had the opportunity to visit various engineering departments at London South Bank university. They were given a tour of some of the departments and in addition, took part in quite a number of workshops. This visit gave them an insight into the different areas of this discipline and an opportunity to speak to staff and students about the courses on offer and what to expect as students of engineering in a university setting.



## London South Bank University

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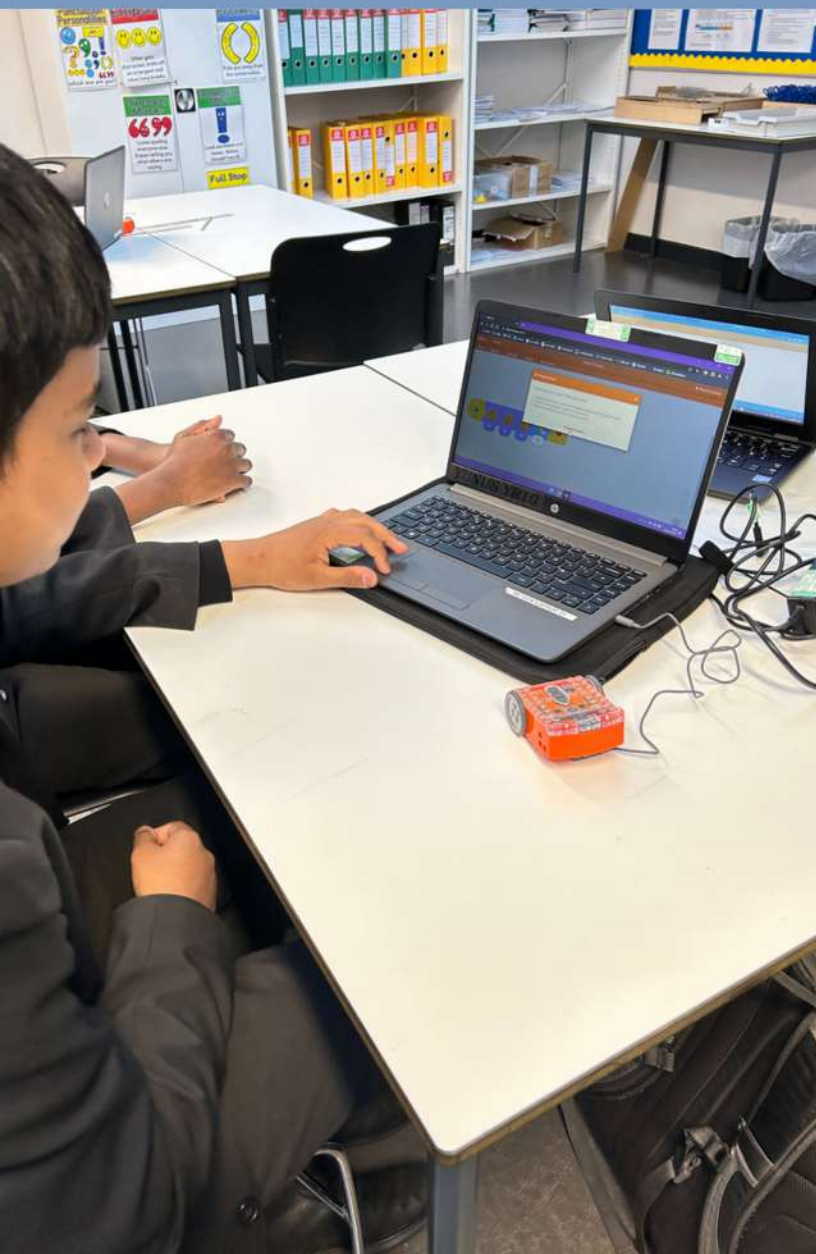




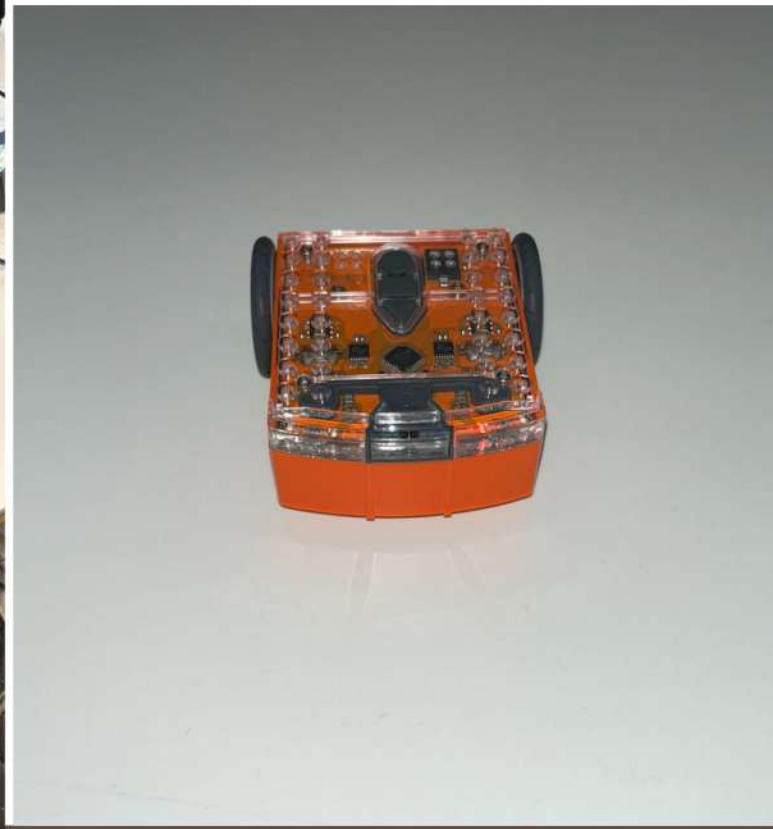
# *Ford Visit Thursday 2nd February 2023*



Ford have made several visits this academic year to our Academy, sharing design and manufacturing techniques they use to produce quality cars. They have worked with our Year 10 students designing a Ford electric vehicle charger handle. They also brought in programmable robots that students used in class to learn about how robotic software is used in engineering applications.



To program the robots the students used a website called "edblocksapp.com", once programmed the robot could follow a map and also a flash light. Students thoroughly enjoyed these sessions. A trip to the Ford Technical Dunton Centre is planned for 30th March 2023.





# BRAVE Visit Tuesday 7th February 2023



We were lucky enough to have some of the colleagues from BRAVE join us for an assembly to all students. BRAVE stands for building resilience against violence and extremism. The team went through how to "spot the signs" and the grooming line for extremism and gangs. As well as opening up to us about their personal experiences.



“ Due to temporary decisions people have to deal with permanent consequences ”



“ Short term gain long term pain ”



# Year 13 NTT Work Experience Monday 20th February 2023

Some of our Year 13 students were lucky enough to complete work experience with NTT Data. The school held a competition where a number of students were chosen for a program that introduces them to the aviation industry. They were based upon their interests and this allowed them to network with people who were already in the industry.



They had an introduction on data centers as well as learning the different roles and responsibilities in NTT including:

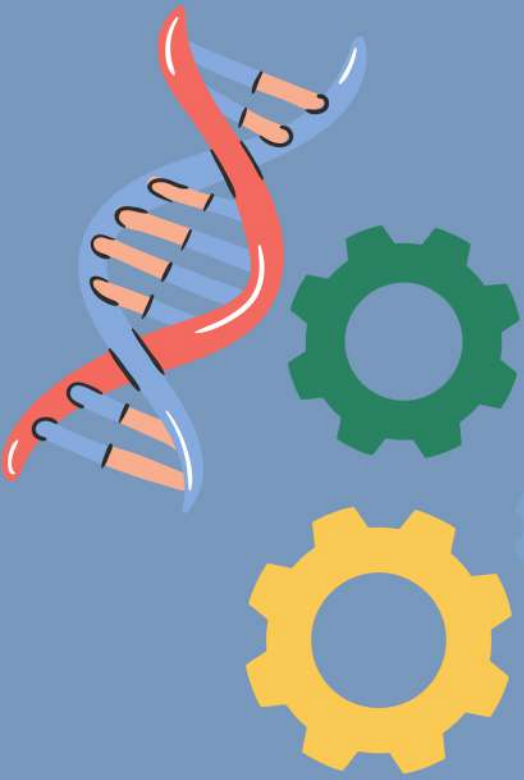
- Critical Facilities Manager (CFM)
- Data Center Manager
- Mechanical Engineer
- BMS Engineer
- Project Manager
- Electrical Engineer
- IT Support Manager

They also discussed how fast the industry is growing, how the future will look for engineers and networked with key individuals in the company.

Our students then presented their knowledge after the experience to colleagues of NTT.

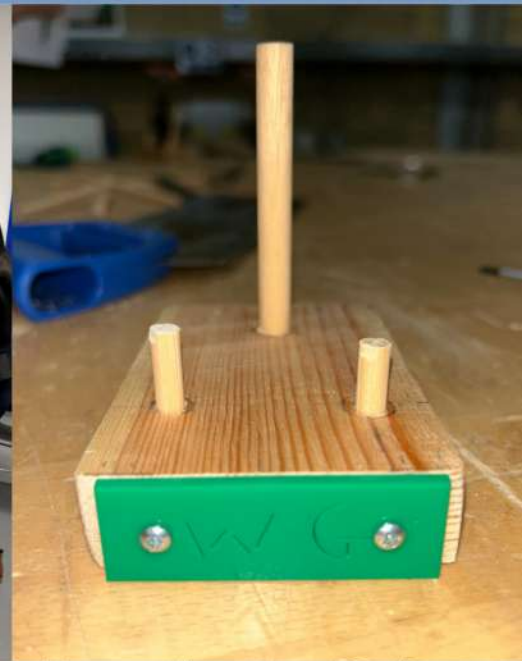
Well done to Abdilson Artur, David Ibijola, JJ Duru, King Narita Brown, , Nicodemo Cacaes Mbongo, Oli Rahman and Peter Aduroja. Most of our students involved have now applied for an apprenticeship with NTT Data. Interviews are taking place this week. Good luck!



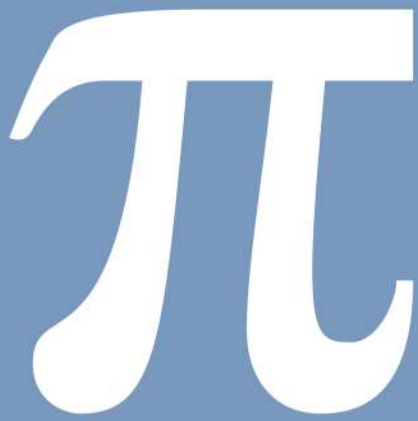


# Year 10 Taster Morning Saturday 4th March 2023

We invited our future Year 10s for a taster morning with us, their main focuses were Engineering and Science. In Engineering they visited the go kart and used their skills to make a phone stand which they could take home. In science they took part in some practicals and discussed topics that will come up in GCSE Science.







# Pi Day Tuesday 14th March 2023

For Pi Day our maths classes took part in a STEM activity challenge. The task was to build the longest paper chain using 2 pieces of paper. This may sound easy but to build the longest chain you also need the thinnest strips of paper. Well done to Benny and Attif for creating the longest chain.





# Year 12 Taster Events throughout March 2023



We invited our future Year 12s to experience a lesson with us in their chosen subjects. In science they completed flame tests, periodic tables, simple pendulum, a diffraction experiment using red laser light, a heat capacity experiment and Ruben's tube with oscilloscope.

In Engineering they worked as a team to build a light stand.

In Maths they looked at a large data set, SUVAT, using a car to model different speeds and times and plotted quadratic graphs.

In Media they rehearsed a script and found out how camera angels build up tension in movies using our equipment.







## *VolkerFitzpatrick year 10 visit Tuesday 14th March 2023*

As part of Build UK's Open Doors week, VolkerFitzpatrick welcomed 40 visitors from Brook Sixth Form and Academy and Barking & Dagenham college to the development at Eastbrook Studios, London.

VolkerFitzpatrick started work on the 26-acre site in August, which, when complete will be London's largest film and television production centre, created by the world's largest studio owner operator.

The visits were split into two sessions, each involving a presentation from senior project manager Andrew Bale, giving them an inside look at the project, as well as the variety of career paths available in the construction industry.

Following a short safety briefing and induction, the groups then headed out for a site tour via a safe viewing area, specifically set up for the visit. Whilst on site, the students were able to view live construction works taking place, as well as plant demonstrations. They also took the opportunity to ask questions and discuss the different roles required for a project such as this.

The day was a great success, with all visitors highly engaged and interested to learn more about both the project and the wider industry.

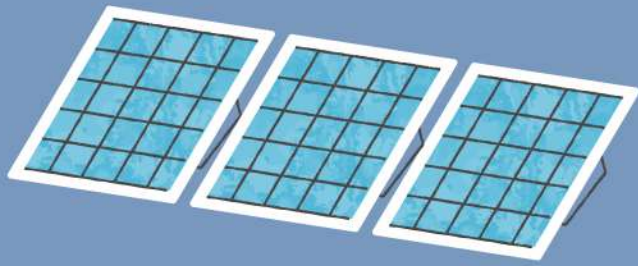
Claire Bannister, Assistant Principal, Brook Sixth Form and Academy said: "We were delighted to have the opportunity for our year 10 students to visit the Eastbrook Studios site. The transformation of the area has been exciting to watch and seeing the vision of how the studios will look in just a few months' time is incredible."

"The introduction of our young students to the 'hidden' work to create the structures and buildings has opened their eyes not only to the careers available in the industry but to the amount of planning, preparation and work that is required to create new complexes and buildings. Again, thank you."

Andrew Bale, senior Project Manager, VolkerFitzpatrick, commented: "The Open Doors event was a great way for students to see a live site and find out about career options in the construction industry. They were really engaged with the visit, and it was wonderful to be able to talk to them about the industry and answer all their questions."



# Year 12 UCL Pearl Trip Monday 20th March 2023



The A-Level Maths students are working alongside UCL PEARL to determine the usage of PEARL's solar panels and if there are any alternative measures that could be put in place. They were put into small groups and will use their statistical knowledge to break down the data given and make interpretations. They will then have a final presentation at the end of the academic year to share their findings with PEARL and members of our 6th Form team.



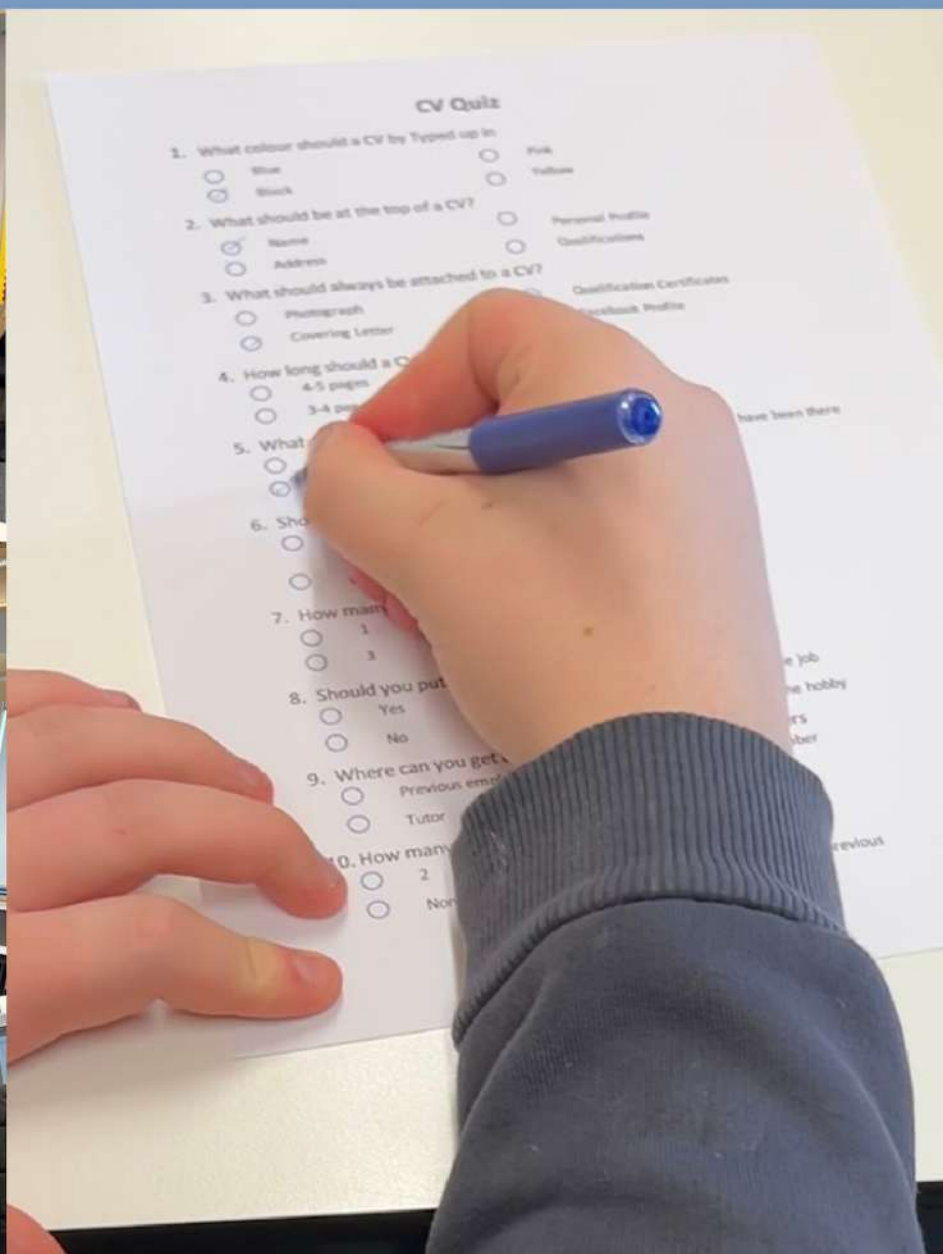


# Connexions One to One Career Interviews Wednesday 22nd March 2023



Debbie Nigli from Connexions came to visit our students who have not yet finalised their destination of choice. Debbie helped them improve/write their CVs as well as providing bespoke careers advice. Here are some top tips for writing your CV:

- Keep it to 1-2 pages
- Use bullet points
- Make the CV specific for the job you are applying for





# Brook 6th Form & Academy

For our current students, we look forward to seeing you back on Monday 17th April at 8:30am.



**0203 773 4670**



**www.brooksixthform.com**



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