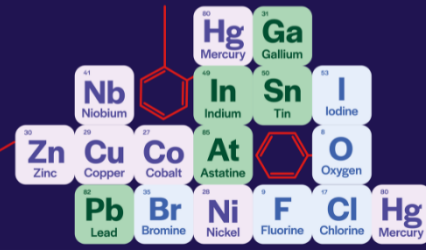


CUC NEWSLETTER

SUMMER, WEEK 3



This week has flown by, and yet we seem to have packed it full of amazing experiences. Students have participated in cyber security competitions, attended biotech research careers events, had masterclasses with engineering industry leader Rod Wah and so much more. This is just one of the reasons we believe Every Day is an Interview - you never know who you will meet in the CUC Building

Useful Dates -

- 8th May - Coronation Bank Holiday
- 10th May - Year 12 Parents Evening - close at 3pm

Aortic Futures Careers Fair - Students attended the Aortic Futures careers fair this week. This incredible event allowed students to explore the exciting world of biomedical research and the many fascinating career opportunities available. Sessions included a mix of stands, mini practical workshops, career advice, and opportunities to meet scientists and surgeons. Students were able to learn about aortic dissection, what happens in open heart surgery and how biotech companies are working to tackle cardiovascular disease. Students particularly enjoyed the VR Diagnostics simulation, including the fluorescent bacteria!

Cyber Security Competition - The inaugural Cyber Security Competition hosted by Merseyside Police at Hugh Baird saw the attendance of the CUC6 CySec/Dev team alongside seven other colleges. The invite-only event presented scripting and programming students with various challenges, including capturing the flag, hacking a drone, rapid PC builds, and OSINT challenges. The CUC6 CySec/Dev team emerged as runners-up and were awarded prizes. The event was an informative learning experience, and the team looks forward to participating in future competitions. The scripting and programming course at CUC6 offers comprehensive coverage of areas such as Cyber Security, AWS Cloud & DevOps which sets it apart from other courses both internally and externally.

Word of the Week - PERIPHERY

Definition: the outer edge of an area:

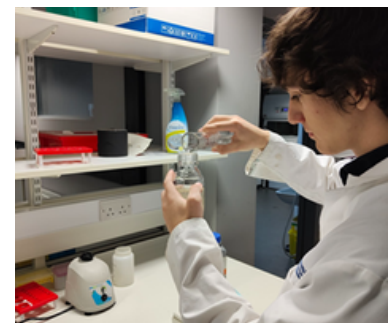
Usage: "*Houses have been built on the periphery of the city.*"

Definition: the less important part of a group or activity:

Usage: "*Many women are kept on the periphery of society.*"

Zero Tolerance of Abuse - The NST has a zero-tolerance approach towards abusive language, violence, aggression or harassment towards our employees, governors and volunteers.

Student Leaders - The student leaders are working with Miss Mallo to plan Arabic week for next week. On Wednesday 10th there will be a special event over lunchtime where students are sampling Arabic food and we have student leader ambassadors who will be dressing in cultural dress to teach people about their different cultures.



Big Bang Finalists - Five teams have been selected as finalists in the Big Bang Competition. The Big Bang Competition is the UK's top annual science and engineering competition. Connie, Ava and Liala have been nominated for The Stantec Developing Future Communities Award and The Energy Institute Climate Change Special Award with their Hex Housing Project. Harvey has been nominated for The Stantec Developing Future Communities Award for his project using EMG to control a bionic hand. Erin has also been nominated for The Stantec Developing Future Communities Award for her project to set up a basic veterinary skills lab inside our Baltic Research Institute. Noah, Antony, Danya, Dylan and Jazz have been nominated for The Intellectual Property Office Award for Outstanding Innovator for their Shampill project. Ryan has been selected as Big Bang Finalist for Young Scientist of the Year for his project on viruses -the next phase of antibiotics. We wish them every success in the next stage of the competition.

Engineering Masterclass - Rod Wah, owner of Beverston Engineering joined us to talk to Year 12 and Ignite students. This was a fascinating masterclass and we are so grateful to Rod for taking time out of his busy schedule to share an overview of his company with us. Rod explained the importance of manufacturing to the global economy, and shared that the average engineering salary in the UK is £34500. 2.7 million people work in the sector in the UK, which contributes 25% to the UK GDP and 45% of British exports. He also helpfully offered students an insight into how to secure a career in engineering.



British Values - In assemblies this week, we have been focusing on British Values and what they mean in practice.

Creatives - On Thursday we had the launch of our Y12 Exhibition inspired from the starting point of Nostalgia. The exhibition will be at 92 Degrees Coffee Myrtle Street until mid June.

Criminology - Year 12 have been revising Learning Objective 1 ahead of their upcoming unit 2 exam. Year 13 have been revising through analysis of past paper questions and mark schemes for the upcoming unit 4 exam.

Psychology - Year 10 studied biological treatments for depression. They have developed an understanding of SSRIs and how they work at a synapse to allow the depressed patient to have higher levels of serotonin. Year 12 learned about Bowlby's Maternal Deprivation Theory as part of their studies of attachment.



Project Based Learning - Year 10 are learning basic bacteriology skills to equip them to bioprospect for novel antibiotics.

Neuroscience Masterclasses - Ieva Andrulyte and Arnas Tamasauskas, neuroscience researchers from our sponsor, the University of Liverpool, visited this week to speak to year 11, 12 and 13 about their academic journeys and their research. They touched on areas such as language, pain and neurological disorders and we learnt about how magnets can be used to investigate brain function. There was a lively question and answer session, with our students taking the opportunity to ask about the science presented, but also to garner opinions about routes through to an academic career.



History - Ignite have been learning about the Battle of the Somme. Year 10s have been exploring why Elizabeth chose not to marry. Year 11 are busy revising America and Conflict for Paper 1 which is on the 18th of May. Year 12 have started their coursework reading, focusing on 100 years of antisemitism in Germany, Russia and France. Year 13 have been revising the Tudor module which is on the 24th May.

Languages - We have conducted Speaking Exams for GCSE and A Levels in Italian, Portuguese, Arabic, Russian, Persian, Spanish, French, German. Students have embraced the challenge and showed amazing speaking skills and confidence. We are delighted to be able to support so many languages. Well done!