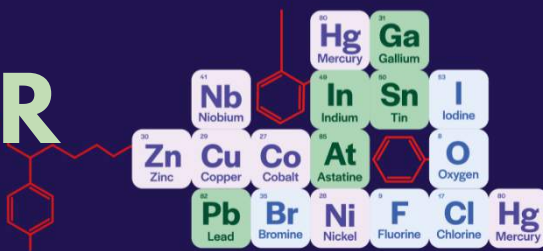


# CUC NEWSLETTER

## SPRING, WEEK 5



We have reached the end of another busy half term. Although it has been short in terms of weeks, we have packed a lot in. Again this week we have had some fantastic visits, including a Digital Health Conference with key industry figures. We have also hosted our Public Speaking Competition on the theme of Inspired and Inspiring. We were also very lucky to receive a visit from two past students, David Callow who is now at Dyson and Michael Groom who is now at Jacobs to give us an insight into their incredible careers so far. I know I feel inspired daily by the brilliant experiences our students enjoy.

### Important Dates -

**Last day of Half Term** - Friday 10th February

**Return to School** - Monday 20th February

**Reminder for Year 13 Students - UCAS** - As many of you are now receiving offers, you will need to start making important choices about where you would like to go and confirm your FIRM and INSURANCE choices.

We have put a reminder of this on the Google Classroom and there are FAQs here.

<https://www.ucas.com/connect/blogs/replying-offers-%E2%80%93-your-questions-answered>

- FIRM offer – this is your first choice, the place you most want to go.
- INSURANCE offer – this is the choice you will go to if you do not meet the entry requirements of your FIRM choice. It therefore needs to be an offer which has lower conditional grades for entry.

We have also added a link for you to start your student finance applications when it opens in MARCH

<https://www.gov.uk/student-finance-register-login>

### Word of the Week - PERSPECTIVE

Definition: a way of regarding situations, facts, etc, and judging their relative importance / the proper or accurate point of view or the ability to see it; objectivity

try to get some perspective on your troubles the theory or art of suggesting three dimensions on a two-dimensional surface, in order to recreate the appearance and spatial relationships that objects or a scene in recession present to the eye / the appearance of objects, buildings, etc, relative to each other, / a view over some distance in space or time; vista; prospect

Usage: "I think it is important we get another perspective on this "

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



**Apex Digital Health Conference:** On Thursday 21 students from Year 9 and 12 attended a Digital Health Conference at UTC Derby Pride Park where speakers from HEE, AstraZeneca and Accenture talked about how digital technology is transforming the NHS and patient experience. This is part of a wider cross-UTC project to better prepare students with the digital skills and knowledge they require to work in the rapidly evolving health service. It was fascinating to hear from Accenture about how VR, AR and mixed reality are being utilised in healthcare and the life sciences. We also learned about digital twins and the role of digital tech in responding to the COVID-19 pandemic. The students contributed really well asking fantastic questions and finding out about careers at AstraZeneca and in the NHS during a networking session.

**Student Leadership Team** - The student leaders this week have been creating pop up little libraries all around school and we will share more about these after half term! It is LGBTQ history month and the leaders have created materials to be shared. They have also been fantastic ambassadors for our school last night during the opening evening showing parents and prospective students around. Prom plans are underway for year 11 and just a reminder for people to bring their deposit to student services or this can be paid on parent pay.





**Liverpool School of Tropical Medicine - Innovators in Tropical Medicine:** 20 students from Years 10 and 12 were off timetable on Friday afternoon to prepare their presentations of the project work they have completed for the LSTM 125th Anniversary project on the historical innovators in tropical medicine. The students have chosen a wide range of historical figures and themes from the "tainted benevolence" of Alfred Lewis Jones to the incredible observations and drawings of Alwen Myfanwy Evans. The students will present their progress to researchers at LSTM on 22nd February.



**Arabic Programme:** As part of our Arabic Programme in partnership with Qatar Foundation International and the British Council; this term, at the Language Hub, Ignite students have enjoyed a new reward system. Students had been rewarded with Arabic currency from different Arabic Speaking Countries for either their effort, the quality of their work, their support to peers or teachers, their academic progress, their enthusiasm in their language programme...and finally today they were able to exchange their rewarded money in our amazing Arabic shop.



**Ignite PBL:** Students have been preparing and viewing anopheles and aedes mosquito samples given to us by Liverpool School of Tropical Medicine. They have obtained amazing images of these disease vectors as well as other parasites such as whip worm specimens and schistoma eggs. Some groups have been using these images to develop a merge cube which is basically a 3d hologram that utilises augmented reality.

**Physics:** Year 11 and 12 physics students have had an amazing Interactive Plasma Workshop from the University of Liverpool. The researchers from the university explained plasma as the "4th state of matter" to our learners and unpacked how it could be used to combat climate change, as well as doing plasma ball and hydrogen fuel cell demonstrations.



**Health:** Ignite have finished off this week with human lifespan development and have completed their assessment. Year 10 have been considering the nature versus nurture debate and have now started how factors impact human development. Year 12 and Year 13 have submitted their first assignment for their new units.

**Computer Science:** Year 11 Computer Science have been learning about the network hardware and protocols that enable your web browser to retrieve content from websites. To demonstrate this, Raspberry Pi is running a webserver in the classroom, hosting a simple web page that can be accessed within the school.



**Engineering:** Ben in Ignite has been so inspired by the Autodesk Hexapod project that he has taken his design home and 3d printed a giant variant. Year 13 are currently applying for apprenticeships with a number of our learners a long way into selection process at Ford, Sellafield, The Dyson Institute and Network Rail respectively. They have also been putting the finished touches to their CAM project where they have manufactured brass inserts for their fibre optic connector set by Bulgin.

**History** – Ignite have been learning more about the LGBTQ fight for equality. Year 10 have been focused on public health after World War 2. Year 11 are revising America. Year 12 are revising the build up to Independence before the American Revolution. Year 13 are studying Elizabeth's religious threats. We also had an amazing opportunity this week for Year 10 historians who spent a lesson working in the labs with the microscope examining coins.