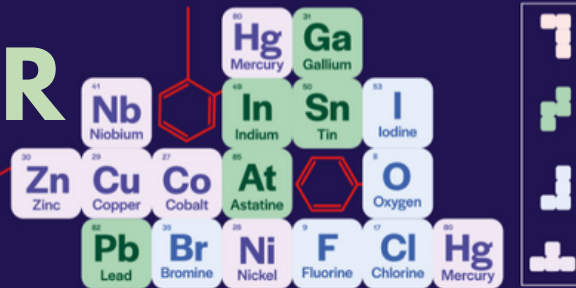


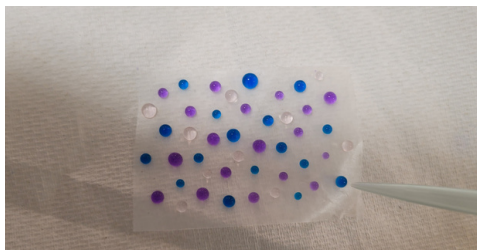
# CUC NEWSLETTER

## AUTUMN, WEEK 2



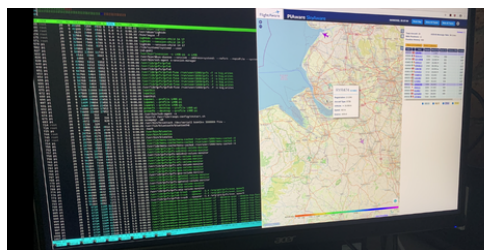
We are getting into the swing of things and it has been fantastic to run a full week of lessons. There has been lots of enthusiasm and we are pleased that students are settling so well, building new friendships, learning new skills and trying new things. A great start!

**PBL:** Ignite have made a great start on our "Who are you" project focussing on genealogy and working with DNA. The students have been completing the Myers-Briggs 16 personalities test to find out more about themselves and to form project groups with a mix of different roles. They have also started to learn how to pipette volumes accurately using micropipettes which will be essential when they move on to extracting, purifying and analysing DNA later in the project.



Year 10 and 11 have been introduced to the United Nations Sustainable Development Goals and are completing research to find out more about them and what kind of projects are addressing them both locally and globally. The students will have the opportunity to develop their own projects to address one or more of the goals through a research, engineering, technological or hearts and minds type project. We can't wait to see what these creative young minds come up with.

Year 12 were introduced to the range of project based learning options. These include industry linked projects, academic research projects and technical skills modules. There has also been a lot of interest in the EPQ programme with students already suggesting fascinating topics so watch this space.



**Highlights from Scripting and Programming:** Year 13 have been tasked to setup a Raspberry PI (Pocket sized computer) with a flight aware piece of hardware. The students were able to interpret ADSB and MLAT installation instructions and with limited coverage were able to track all local air traffic directly over the school and as far south as Birmingham. We hope to build on this project later this year and to install a large Aerial on to the roof of the CUC building to increase our coverage and to display flight traffic across the school.



**Update from Engineering:** This week we have been celebrating an excellent summer of work placements at Jaguar land rover, Daresbury labs, Vinci construction, Vinci digital, BIG and of course Sellafield.

**Highlights from Health:** This week, Ignite students have started to learn about factors that impact health and wellbeing and have been designing their own warning labels for cigarette packaging. Students in Year 10 are beginning to learn about the different types of Health and Social Care Provision and are starting the functions of services next week. In Year 11, we have started to prepare for the Health and Wellbeing exam and are learning about positive and negative impacts on Health and Wellbeing. Our new Year 12 students have had a very busy week. They have started to learn about the 9 keys roles in Health and Social Care for their Working in Health and Social Care Exam. They have begun work to understand human lifespan and development. Students have also started to look at their first coursework Unit in Scientific Techniques in Health and Social Care. Year 13 students are now preparing for their Human and Physiology exam by learning all about the structure and functions of cells and are working hard in preparation for their Research into Current Methods exam.

A reminder that we will be closed on Monday 19th September for the funeral of Her Majesty The Queen

### Tutor Time - Ignite Students:

This week, Ignite have been spending more time with their Form Tutors and learning about their tutor time. Tutor time is a chance to start your day on a positive note – you arrive on time, you do an activity to get ready for the day ahead, receive any messages and have the opportunity to ask any questions. Our daily activities include: Monday – Uniform and equipment check / Tuesday – Class reading / Wednesday – Class reading / Thursday – Newsround / Friday – Quiz/brainteasers

### Focus on Uniform:

It is important that students have the correct uniform and the right equipment for lessons. This will be checked formally every Monday but form tutors will also continually monitor this during tutor time throughout the week.

Coats/hoodies are NOT to be worn around the building – if students do decide to wear them then they will be confiscated.

Trainers/boots are NOT to be worn for school. If you don't have the correct shoes, we will provide you with some from our supply.



### Instagram:

@lifesciencesutc  
@lpoolstudio



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### Word of the Week - ANOMOLOUS

Definition: inconsistent with or deviating from what is usual, normal, or expected

Usage: *Researchers could not explain the anomalous test results.*