

# CUC NEWSLETTER

## SPRING, WEEK 7



### Open Evening KS4 & KS5 Tuesday 19th March 2024 5-7pm

Join us at an Open Evening in our stunning, Grade 2 Listed building to find out more about attending Liverpool Life Sciences UTC and The Studio School for either GCSEs or Sixth Form. Please scan the QR code to secure your place now,

It was my absolute pleasure to host a Principal's Lunch this week with 14 students who have worked so hard to improve their reading. I am so proud of the massive progress reflected in their data as well as their confidence and love of reading. Well done!!

### Year 12 Health and Social Care Students

Most of our Year 13 Health and Social Care students are due to start their NHS Healthcare Assistant Cadet placements very soon. They have successfully undergone a rigorous application and induction process and they will complete over 100 hours of clinical work experience before July. Already they have learnt about various aspects of infection prevention and control, the importance of protecting the patients' privacy and dignity whilst supporting their personal hygiene care and how to perform basic pressure area care. Our students will complete their placements at The Royal, Aintree or Broadgreen Hospital and, at the end of their process, they can join the staff bank or they can complete fast-track applications for any vacancies in the Liverpool University Hospitals.



### Windsor Primary Visit

Last week 30 Year 6 students from Windsor Primary visited Liverpool Life Sciences Laboratories whereby they completed three different activities themed around pond invertebrates. They used a range of different microscopes including the scanning electron microscope, dissecting scopes and compound microscopes to investigate the anatomy of a range of pond critters, including shrimp, daphnia, copepods and bloodworm. They also performed chemical tests on a range of water samples to determine whether the water is suitable to support a wide diversity of animal life. We had ten wonderful year 12 students and five year 10 students from the Baltic Research Institute who helped run the session. Emma, the teacher from Windsor Primary commented on the quality of the teaching and support provided by our students. We were hugely impressed by the enthusiasm and knowledge of the year 6 students and were blown away by their questions.



### Electron Micrograph of the day

Cat Flea... This is a sample sent from the Natural History Museum. Unlike the samples we use it has been coated with a thin layer of gold so the sample conducts electricity evenly, improving the image. This photo was taken by Numa Jiffry in year 10, who thoroughly enjoyed a quiet half hour on the SEM.



### Creative Boost sessions

Are you in Year 10 and 11 and want to improve your current Art, Graphics or Photography grade? Join us every Thursday 4-5pm in 306 where you can get that added boost you need. Don't forget pizza and chips will also be provided.

### Sector Specialism Blogs

Keen to know more about the specialist areas we work with? You can read more in our monthly sector round up blogs. Check them out on the websites at

- **Creative and Tech** - <https://thestudioliverpool.uk/creative-and-digital-round-up-feb-2024/>
- **Science, Engineering and Health** - <https://lifesciencesutc.co.uk/your-health-and-life-sciences-update-feb-2024/>

### Accounting club

A group of twelve Year 12's have been attending 'Accounting Club' every Wednesday at 12.30 in room 3.10, for the past 3 weeks (7 week programme) run by a senior lecturer in finance at LJMU- Mrs Pamela Dodd.



### Unifrog

Ignite, Year 10 and 12 - You have TASK LISTS complete in Unifrog. Please log in for more details.

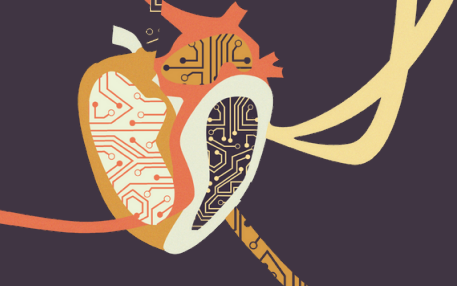
### Word of the Week - IMPECCABLE

Definition: Without mistakes or faults:  
Usage: "he had impeccable manners"

**Vaping** – We would like to remind you that we do not allow students to bring items such as cigarettes, lighters, matches or e-cigarettes/ vapes into school.

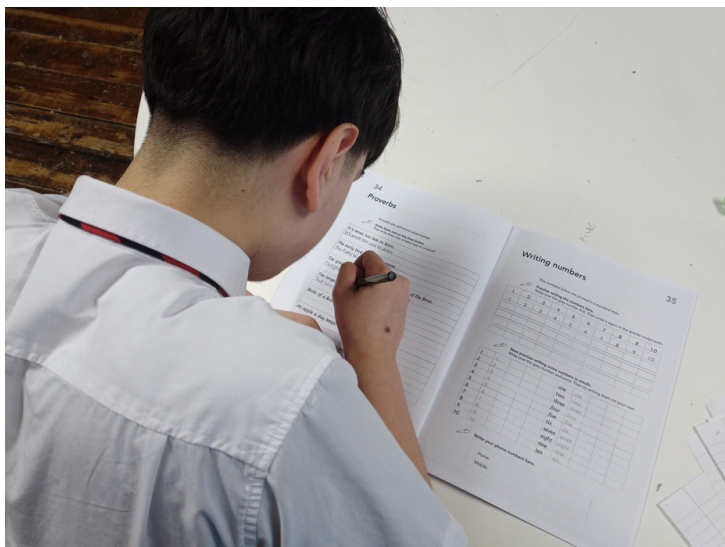
**Zero Tolerance of Abuse** - The NST has a zero-tolerance approach to abusive language, violence, aggression or harassment towards employees, governors and volunteers.





# CUC NEWSLETTER

## SPRING, WEEK 7



### Unlocking barriers with calligraphy techniques

Last week a specified group of Year 10 students (ironically all males) enthusiastically engaged in an enrolment of calligraphy sessions at the CUC on Friday 23rd February. These individuals were selected to have particular barriers to legible handwriting – The sessions were planned with the specific aim of opening dialogue and improving confidence around, in some cases, historical issues with handwriting and calligraphy. All students impressed Ms Mallo with their positivity and honesty. After initial questioning, there was a general atmosphere of determination and success with students understanding how to 'grip' their writing utensils and consequently how these minor changes can have a systematic effect upon the quality of their work. The before and after results were startling! I will leave you with a quote from one of the students involved in the sessions.... "I am going to, in future, complete the very best version of my handwriting." Joseph Mkude, Year 10.



### Social Media strategy session with Head of Marketing at Northern Schools Trust

As part of their OCR Cambridge Technical Level 3 IT Diploma coursework, Year 13 were asked to develop a social media plan for The Studio School to increase the number of applicants for year 10 and for sixth form. They took part in a strategic planning session with Northern Schools Trust, Head of Marketing Cristiana Costa to develop a holistic understanding from a business standpoint, a skill crucial for technical development in modern, database-driven websites. The students asked insightful questions regarding social media platforms and target audience, marketing cycle, digital tools, and budget. We look forward to seeing their ideas come to fruition in both their coursework and our future campaigns.

### A Level Mathematics students

Jess, Alex, Affeynaya, Pawel, Mohamed and Ammar, all of whom are taking A-level Mathematics spent some time with the SEM (Scanning Electron Microscope). With the help of Will, they used the SEM to measure the diameter of a selection of coriander seeds, diatoms, micro-fossils, pollen... Using the SEM, these Mathematicians were able to use their skills and understanding of scales; both linear and exponential; to take readings from a quite sophisticated piece of equipment. These students are now going to organise, and present this data to all of the Maths teachers in the building, who will be using it with their classes. Almost 700 students will receive this data from these students, and will be calculating various averages, such as the mean, median, mode, standard deviation, and will be presenting this data using various types of graph, such as cumulative frequency graphs, box plots, histograms.

### Work Experience Week

This week a group of Year 12 students from Liverpool Life Sciences UTC and The Studio School Liverpool, had the opportunity to go on work experience at Surface Transforms, a leading manufacturer of carbon-ceramic brake discs for automotive applications. They spent a week in different departments, learning about the design, engineering, material science and IT aspects of the company. They were amazed by the innovative technology and the cutting-edge facilities that Surface Transforms uses to produce their products. They also got to interact with the staff, who were very friendly and supportive, and gave us valuable insights into the industry and the career paths available. We had a lot of fun and gained a lot of skills and knowledge that will help us in our future studies and ambitions. We are very grateful to Surface Transforms for this amazing experience, and we highly recommend it to anyone who is interested in a career in science, engineering or IT.



### Arabic Teachers Programme

Last week, Liverpool Arabic Teachers' Council (LATC) was officially launched. Based in our school, LATC has been founded to promote teaching Arabic Language and Culture, build a network of passionate teachers and education professionals and raise awareness of the rich variety of Arabic cultures. The Liverpool Arabic Teachers' Council is one of the very few Arabic teachers councils in the UK and it aims to be a reference for language teaching in general and Arabic in particular. The executive team met to plan strategies for our Arabic Teachers' Training Programme and discuss preparations for our workshop at Language World 2024 in Warwick on March the 8th, where Sara Mallo and Manal Mahjoub will be sharing the amazing success of the Arabic Programme at Life Sciences UTC with other language teachers from around the world. The Arabic Programme at our school has been running for four years now and it has had a very positive impact on the whole school community.

If you are passionate about Arabic Cultures or would like more information contact the school. <https://www.liverpoolarabichteacherscouncil.com/>