

CUC NEWSLETTER

SPRING, WEEK 8



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,

Thank you to all those parents who attended our 'Support with exams' online meeting this week. Speaking from personal experience I know how difficult it can be getting your child through the stresses and challenges of their exams. Knowing, as parents, that you are not on your own is incredibly reassuring. As always it has been a bumper week of opportunities for our young people. We are very busy planning our first ever cultural week starting on 25th March. We are so fortunate to have a student population with such vast cultural and geographical links.

We are mindful that when we return on Monday, Ramadan will have started. We have plans in place to support our students who may be fasting and really enjoy sharing with them the joy they have during this time.



Liverpool Life Sciences UTC University offers

Last week three of our amazing students received offers to study at Oxford University and Glasgow University. Thomas Ngyuen an aspiring Medic received an offer to study Medicine at Glasgow University, Vlad Frolov who currently studies Biology, Chemistry, Maths and EPQ received an offer to study Medicine at Oxford University and Holly Jones who is also currently studying Biology, Chemistry, Maths and EPQ received an offer to study Chemistry at Glasgow University. An unbelievably proud moment for them all, the biggest congratulations to you all!

National Careers Week 2024 Guide

This week, we celebrated National Careers Week. If you would like more information then please visit <https://ncw2020.co.uk/booklets-guides/> <https://ncw2020.co.uk/activities/> <https://ncw2020.co.uk/booklets-guides/>

Unifrog - Deadline 14/03/2024

Year 9: Careers and the future Task
Year 10: Job applications: superhero CVs Task
Year 11: Is a T level right for me? Task
Year 12: Using the Personality profile Task

Word of the Week - DICHOTOMY

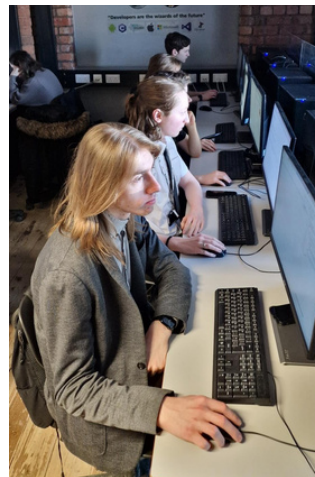
Definition: A difference between two opposite things.
Usage: "There is a dichotomy between the academic world and the industrial world."

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.

Year 12 & 13 Virtual Hackathon challenge

Year 12 and 13 students competed in a national 2-day hackathon competition via WorldSkills. Our students were able to log into a virtual machine to deploy all manner of Cyber Security hacking tools where they learned how to use network scanning tools, password cracking along with discovering exploits in databases and websites. This competition was of an extremely high level and many participants indicated that the content was similar to what industry cyber security professionals would be using to find system vulnerabilities. On a final note, keep an eye out for future newsletters as we have made the finals of the Merseyside Cyber Security challenge once again.



Year 9 and 10 Trip to Bushcraft Camp, Castle Howard

We would like to invite Year 9 and 10 students to a Bushcraft Camp at Castle Howard, Yorkshire on 10th to 12th of July 2024. Students will spend two nights at a safari style tented camp. They will sleep in tents and cook over open fires. They will have 3-days away from screens and technology and interact with their peers in a fun and creative environment. Our students will also build shelters, learn first aid and tackle outdoor adventures. This is an incredible opportunity to develop communication, team building, and leadership skills and prepare for their important GCSE years. The trip will cost £180 with a £50 contribution from school if eligible for Free School Meals. If you would like to secure your place, a deposit of £45 needs to be paid to student services or www.wisepay.com before the 10th May and return the permission slip, attached, as soon as possible. The full amount needs to be paid by 30th May 2024. You can pay each week into Wisepay, each month or the full amount.

If you require any further information then please email:

A.Connolly@lifesciencesutc.co.uk F.Markey@thestudio-liverpool.co.uk

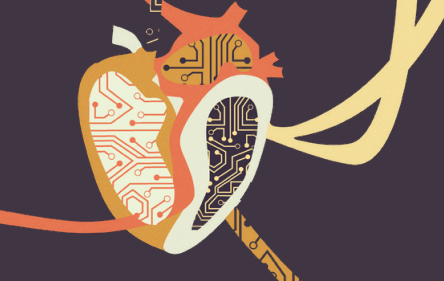
<https://thebushcraftcompany.com/locations/castle-howard/>



Unifrog University Fair - 13th March 4.30-7pm

Join live sessions and chat directly with 40 universities, including Exeter, Cardiff, Manchester Metropolitan, and more! Learn how to find and apply to your dream course, how to make the most of university life, how to live affordably, ace the personal statement, create the perfect arts portfolio, or study abroad. Plus - the most interactive student will win a £100 train travel voucher they could use to visit open days!
<https://unifroguniversityfair.vfairs.com/>





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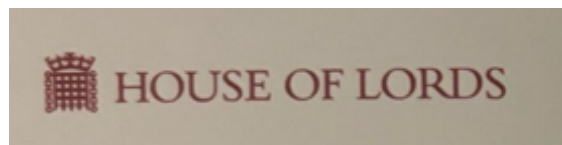
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Thomas Gray Primary School Visit

This week, Liverpool Life Sciences UTC welcomed 30 Year 4 students from Thomas Gray Primary School to the Project Based Learning Department; pupils did activities around water quality and aquatic life. They looked at daphnia using light microscopes and the Hitachi Scanning Electron Microscope and checked water quality using chemical analysis. Students also had a session in the simulation suite, run by Joe Benson, teaching them what to do in a medical emergency. They also learnt CPR on their teddies! They were helped during the day by students from Year 10 and also from Year 12 (Baltic Research Institute members). The students all had a lovely time, and were enthusiastic and engaged in their learning!

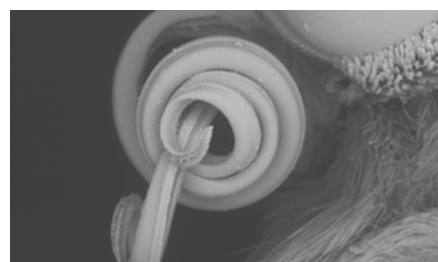
Joe Benson SIMMAN Sessions

Joe Benson a former student and teacher at Liverpool Life Sciences UTC visited our Science Simulation Suite. Joe utilised SIMMAN to simulate various scenarios to our aspiring Medics that are currently studying for their A-Levels. The realistic SIMMAN scenarios enabled our students to handle the situations professionally and respectfully. Joe is a popular and engaging visitor and we eagerly anticipate his return in the future.



Visit to the House of Lords

Alex Zain, a sixth former at Liverpool Life Sciences visited the House of Lords. This is Alex's second visit since January, his previous visit included a session within the House of Lords with the Foreign, Commonwealth & Development Office (FCDO) and the Department for Culture, Media & Sport (DCMS) being in attendance. However this time round Alex met with a partisan peer who actively dedicates their time to social justice and environmental policy. Alex was thrilled to meet the peer and finished off his visit by touring the Palace of Westminster alongside Portcullis House and buildings which serve as Peer's offices.



Micrograph of the day

Monday's Micrograph was a Butterfly Tongue taken by Jazz and Rosa. Their hypothesis is that there will be morphological differences between butterfly tongues depending on what the butterfly feeds on. This butterfly is a nectar feeder....



Year 12 Accounting Club

This week a group of Year 12's attended an Accounting Club ran by Pamela Dodd a Senior Lecturer in Finance at Liverpool John Moore's University. This club is a 7 week programme that will aid our students basic skills of accountancy from a business perspective as well as improving their knowledge on personal finance. For our 12 students this was their 4th week on the programme which focussed on Colour Accounting through the use of a BaSIS Board, we wish our group of Year 12's the best of luck for their remaining time of the programme.

Year 12 Criminology

This week our Criminology students compared soil samples from 'suspects' shoes on a Light Microscope and Electron Microscope identifying substances such as pollen grains and fibre glass which told our students which sites the soil is more likely to have come from.

Ms Allason's Conundrum

Each week, we will have a problem to solve, and the solution to the previous weeks problem. Here is this week's problem:

Here is a sheet of a newspaper.

Each sheet has four pages.

How many sheets are there altogether?

8	61

Liverpool Cathedral Sleepout Friday 5th April 2024

The Liverpool Cathedral Sleepout event will take place on Friday 5th April 2024 at Liverpool Cathedral. It costs £5 per person to register for the event and a target sponsorship of £50 per person, with all funds raised being split equally between The Whitechapel Centre and Liverpool Cathedral. Whitechapel Centre is a leading homeless and housing charity for the Liverpool region working with people who are sleeping rough, living in hostels or struggling to manage their accommodation. We are committed to helping people find and maintain a home and learn the life skills essential for independent living. Last year they helped over 4,000 people. To register for the Liverpool Cathedral Sleepout, please visit www.liverpoolcathedralsleepout.org For more information on the Liverpool Cathedral Sleepout please contact Toni-Marie on 07795641322 or email fundraising@whitechapelcentre.co.uk