

CUC NEWSLETTER

AUTUMN, WEEK 10

November is flying by and it feels like the Christmas break will be with us in no time. There is lots still to do and many incredible experiences to explore. We have enjoyed sharing our passion for science this week with primary school students from Windsor Primary. We have also loved the opportunity to link computing and biology thanks to our University Sponsor, University of Liverpool. Working directly with a university sponsor ensures our students have the best information when applying for university, plus the opportunity to secure a University of Liverpool bursary to support their studies. We are so grateful to be in this privileged position.

Inspiring the next generation of scientists

This week, a fantastic group of students from Windsor Primary school visited our labs, for an "Under the Microscope" day. They used our microscopes to examine things like a crab shell and understand more about adaptations to environments. They also spent part of their day learning how to do CPR.



TAKE CHARGE. TAKE A TEST.

SEXUAL HEALTH & WELLBEING EXPERTS

www.brook.org.uk

ABORTION IS HEALTHCARE

CONSENT: DO YOU GET IT?

Delivering the wider PSHE curriculum

Year 9 have participated in a Drop Down Day to support the PSHE curriculum, Representatives from The Brook delivered sessions including evidence-based discussions around sex, sexuality, and relationships. These sessions aimed to increase our students' knowledge and provide them with the vocabulary and skills to communicate with their peers, parents, and professionals.

Supporting careers

In keeping with our commitment to provide students with outstanding careers guidance and tailored support when choosing their next steps after school, we are using Unifrog; an award-winning, online destinations platform. All students in Years 9, 10, 11, 12, and 13 have access to this website.

Please check out the letter for more details and information on how to set up a parent account. For more general information, go to:

www.unifrog.org/about

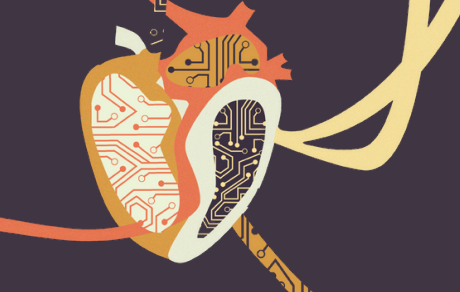
Call out to all Year12 and Year13 Students in the Games Design specialism

Next week Games Jam is conducting remote work experience, more info here

https://miro.com/app/board/uXjVNP_3WY8=/

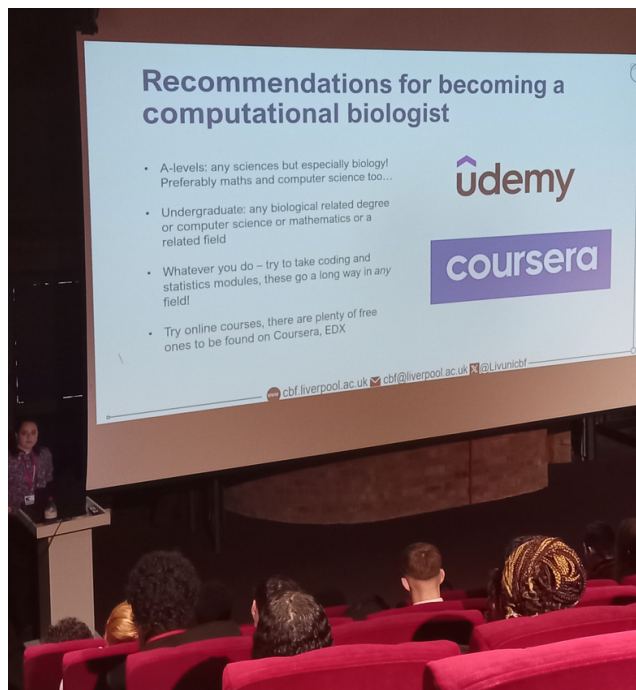
Printing the future

Sixth form students visited PrintCity in Manchester this week. PrintCity are a leading 3D printing company. From 3D printed shoes to a sword artifact from a movie, students were able to learn more about the 3D printing industry. PrintCity uses generative design to create an organami structure using Auto Desk Fusion 360 which is the same piece of software students use in our school.



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Understanding computational biology, the cutting edge of science

Dr. Eva Caamano-Gutierrez, Director of Liverpool Computational Biology Facility and Dr Emily Johnson, a Data Scientist visited this week from the University of Liverpool. They worked with year 10 and 11 computer scientists, and introduced them to a range of case studies applying computational biology to challenges such as aging, covid or diagnostics. Computational biology is the use of data analysis, mathematical modelling and computational simulations to understand biological systems and relationships. This was a fascinating introduction for students and offered them tips on how to explore this further should they be looking for a career in this area.

Liverpool Life Sciences UTC **THE STUDIO**

Christmas Appeal

We are raising £1000 to support families in our school community who need food parcels and gifts this Christmas.



Finding out more about the Engineering Design Degree Apprenticeships from Sellafield

On Thursday morning, a representative from Sellafield visited our Sixth form Engineering Students to discuss the 5-year Engineering Design Degree Apprenticeship (EDDA) that Sellafield currently have on offer. The Engineering and Design Apprenticeship is based in Warrington away from the main site in Cumbria and has 7 soon to be 9 pathways to go down. Mark Duffy from Sellafield discussed what to expect on the 5-year degree, including the year by year curriculum and the opportunities each year of study can bring, as well as the unbelievable yearly salaries and bonuses that come with the Engineering and Design Apprenticeship. Mark spoke about how Sellafield also offer work experience for year 12 students, with 90 places up for grabs for future engineering students per year. For more information please go to <https://careers.sellafieldsite.co.uk/graduates-placements/apprentices/risley-apprenticeships/engineering-design-degree-apprenticeship/> <https://careers.sellafieldsite.co.uk/graduates-placements/apprentices/application-process/>



Word of the Week - PLETHORA

Definition: a large or excessive amount of something:
Usage: "a plethora of committees and subcommittees" · "Allen won a plethora of medals during his illustrious career"

Vaping – We would like to remind you that we do not allow students – 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.

