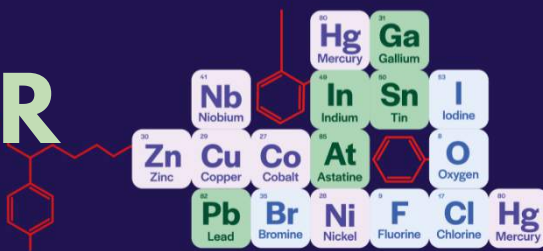


CUC NEWSLETTER

SPRING, WEEK 11



We have reached the end of another exciting term in the CUC building. This week has offered students an incredible range of experiences and opportunities, including visits to the University of Liverpool and to Surface Transforms. It has also been a week where we have celebrated the mind-blowing projects our students create with their families, friends and business partners. Have a wonderful, relaxing and safe break.



Student Showcase - We opened our school to businesses and parents to showcase what we have been working on this year in project based learning. So many astonishing ideas on display, all presented with confidence.



Creative Writing Club – Important Update.

Sessions with Charlie will take place on Tuesdays from after Easter. Make sure you come along and check it out. 4-5pm

UCAS Discovery Day - 9th June 2023 @ ACC Liverpool Attend the UCAS Discovery exhibition to meet over 100 universities, colleges, and apprenticeship employers face-to-face, find out about different options and pathways, listen to live expert talks and get the latest advice and information on different career choices. You need to register as an individual using this link ASAP to get your FREE ticket <https://www.ucas.com/registration/register/event/419701>

Student Leaders - This week the student leaders have been organising yearbooks, prom and leavers hoodies for the year 11s and there are letters coming home about those. Please can all final prom payments be made to student services. The year 10 student leaders have been planning debate club and have designed a series of debates. This will run after half term. Our charity leads have been organising our Christmas donations and helping Mr McKenzie with the uniform shop.

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

Useful Dates -

- 17th April - Return to School
- 1st May - May Day Bank Holiday
- 3rd May - Year 10 Parents Evening - close at 3pm
- 8th May - Coronation Bank Holiday
- 10th May - Year 12 Parents Evening - close at 3pm
- 26th May - Half term



Eating Disorders - Mersey Care has produced a short animation which offers support if you or someone you know is suffering with an eating disorder. The animation aims to raise awareness around spotting the warning signs to identify if you, a loved one or friend has developed an eating disorder.

<https://www.mersecare.nhs.uk/our-services/liverpool/eating-disorder-services>

Reducing Parental Conflict - Find out about training opportunities, support and self help resources to reduce conflict in relationships. <https://sway.office.com/apwpsagpCRysgVCL?ref=Link>

Word of the Week - TOLERANCE

Definition: Sympathy for beliefs or practices differing from or conflicting with one's own or the capacity to endure continued subjection to something such as a drug or environmental conditions without adverse reaction

Usage: "the desert camel shows the greatest tolerance to dehydration."

Visit to Surface Transforms - What a fantastic day at Surface Transforms! We spent the afternoon discussing manufacturing insights and possible Engineering pathways with the team's functional leads. It was so exciting to meet some of the best brains in the sector. The team at Surface Transforms were delighted to meet our future talent.



Massive thank you to Surface Transforms for the donation of our new CNC milling machine to help develop our advanced manufacturing centre at the UTC. We can now 3D print PLA and ABS plastic, turn parts on our CNC lathe and mill and router components on the new Denford Mill.



Girls in Maths - The University of Liverpool hosted their annual 'Girls in Maths' event, where we got to celebrate the applications of maths in real life scenarios via the expertise of successful female mathematicians. Students had taster sessions in Statistics, Graphing and Maths in Music, and also an opportunity to speak to women from a variety of STEM careers to ask any questions they had about opportunities, pathways and options available (as well as three of our own mathematicians winning trophies, and a lovely rendition of Oasis from Dr. Pepper to show the oscillations from his voice!) The students had a fantastic day and most said they were even more interested in pursuing maths after GCSE than previously.



Visit to Central Library - Ignite students took part in a literacy reward trip to celebrate their outstanding progress since September. The trip involves a guided tour of the building, as well as the opportunity to experience the professional environment that Central Library offers.

Well done to Callum Jones who was successful in his application to attend The Start Up School at the Brett Centre for Entrepreneurship, at Liverpool University over Easter. He will attend for the three days and gain some really valuable skills.

Ignite PBL - Ignite engineers attempted to move water uphill... and some succeeded! Sometimes the simplest designs are the best, although we had loss of examples of iterative design and prototype testing as well. Well done!



Visit from Vinci - Nuno Mariano, Digital Engineering Manager from Vinci visited students to present how digital technology is applied to the construction industry. He talked about Autodesk Revit, Dalux, Open space and 4d modelling. This was an eye-opening session which allowed students to see how both their engineering and graphics skills are applied to the industry. Following the session, the team at Vinci will be hosting summer work placements looking to allow our students to get a hands on feel for the tools that Nuno shared during his presentation.



Maths & English Writing Competition - Before Christmas, the Maths & English department linked up, to give Ignite students the opportunity to enter a writing competition called "Integer". Students were required to write a short story with an Integer (a whole number) at the heart. Twelve of our students were chosen to have their stories published in a book along with dozens more from around the country. A copy of the book can be found in the Maths department.

New Writing Competition - We can't wait to see your entries for the writing competition on the theme 'Mysterious.' Please send your entries to Miss Mallo.

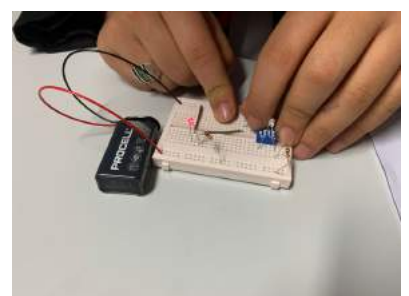
History - Ignite are studying life in the trenches in WWI. Year 10 have started a new topic of Elizabeth and have been looking at her early life. Year 11 have been focusing on Martin Luther King, Malcolm X and other civil rights activists. Year 12 have started their last module on Henry VIII and his later years. Year 13 have just finished the content on Elizabeth's final years.



Social Sciences Pathway - A number of students are on work experience these next few weeks. Four are at the museum on Friday to have their say on the new transport systems. We also have students gaining experience in the legal field in a number of law firms.

Applied Science - Year 13 have completed Project lab days that involve undertaking microbiology experiments to determine the antimicrobial properties of honey, blackseed oil, ginger and tea tree oil. Year 12 have been investigating the burning of fuels and calculating enthalpy of combustion.

Health - Cadets are continuing to develop their hands on skills on placement. Some are based at Broadgreen, some at Aintree, others have been lucky to start in the brand new Royal Hospital as the first placement students there. Year 11s have also completed health assessments gaining clinical skills in the Health Suite.



Computer Science - Year 10 students have been reinforcing their knowledge of Boolean logic by building small electronic circuits for the basic gates; NOT, AND, OR.