

# CUC NEWSLETTER SUMMER, WEEK 12

Another very busy week of breath-taking experiences. It may feel like other schools are slowing down, but we are still packing each day with opportunities that will help students to stand out when making applications to universities, apprenticeships and jobs.



### Briggs Automotive Company Factory Visit

On Tuesday we were lucky enough to be invited to the Briggs Automotive Company factory for a tour of their cutting edge facilities, along with presentations from a former student (Joe Armbruster) and industry experts Daniel Youd and Murray Adams. This was the celebration of those that took part in the Concept Cars Competition, which tasked students across the UTC network to use Fusion 360 to design and create 3D models of the cars of their dreams. Adam Mohamed was the winner of the 6th form category and second overall winner. The judges included Murray Adams (Senior Design Engineer at BAC), Paul Jones (Chief Executive of The Northern Automotive Alliance), Steve Cox (3D Technologies Consultant at Amfori Consulting) and Nathan Rogers (Technical Manager at Autodesk), who chose Eve Somerville from Berkeley Green UTC as the overall winner with her innovative flying car design, so massive well done to her! Thank you to everyone involved, to Iwan Roberts and Paul Jones for the visit, and everyone at BAC for the tour.

### Miss Allasons' Maths Conundrum <https://ukmt.org.uk>

The answer to last week's conundrum was: E,25

The diagram shows a large square which has been divided into four smaller squares. It also shows both diagonals of the large square and two diagonals of smaller squares. What fraction of the area of the large square has been shaded?

- A  $\frac{3}{16}$
- B  $\frac{1}{4}$
- C  $\frac{5}{16}$
- D  $\frac{3}{8}$
- E  $\frac{7}{16}$



### Dot-art Exhibition and Competition Winner

Dot-art Schools is an annual inter-school art competition that culminates in a public exhibition and prize-giving ceremony. Our IGNITE pupils participated alongside other Year 9 and SEND schools from the Liverpool City Region and beyond. The competition aims to nurture talent and raise aspirations by bringing art into the real world. Entries were judged by respected arts professionals, with the top three from each school shortlisted. Public votes determined the winning entry from each school, earning a spot in the annual exhibition. This year, Laura Connolly won for her innovative character design, 'Alter Ego.' Shortlisted pupils, including Max Cornelius for his landscape photo 'Dusk' and Hawa Ahmed for her acrylic painting 'Freedom,' received certificates from The Lord Mayor of Liverpool at St. George's Hall. The event concluded with a preview of the winning works at the Walker Art Gallery.

### UCAS Dates

- Research completed based on UCAS grades from Summer 24 - 04/10/24
- Personal Statement completed and checked (Unifrog) - 04/11/24
- All UCAS forms completed and submitted for checking - 29/11/24
- Update of UCAS grades following November PPEs - 12/12/24
- Internal deadline for UCAS forms to be sent by the Coaches - 15/12/25

### Unifrog: Deadline - 18/07/2024

- Year 9: Working and earning: managing your money - Task
- Year 10: Wellbeing in the workplace - Task
- Year 12: In person, hybrid, and remote: what works best? - Task



### Word of the Week - PERNICIOUS

Adjective: having a harmful effect, especially in a gradual or subtle way:  
Usage: "the pernicious influences of the mass media"

**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.



**THE STUDIO** Liverpool Life Sciences UTC

**17TH JULY**

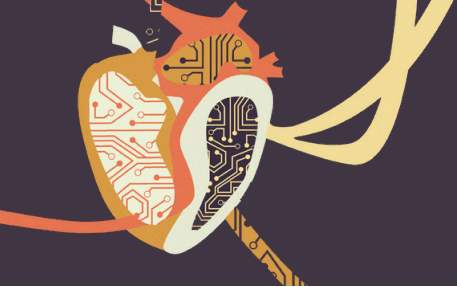
**ONLINE SAFETY FOR PARENTS/CARERS**

NAVIGATING THE DIGITAL AGE: ENSURING ONLINE SECURITY FOR YOUR FAMILY

**Online Safety for Parents and Carers**  
Book to attend this session on helping your teenager to stay safe online using the QR code







# CUC NEWSLETTER

## SUMMER, WEEK 12

### The Studio School and Amazon Web Services (AWS)

Did you know that The Studio School, is the only school in the UK that is able to deliver AWS Certification via the AWS Academy programme? The Studio School's commitment to integrating AWS certifications into its curriculum underscores its dedication to producing industry-ready graduates. By providing hands-on, practical training with industry-standard tools, The Studio School ensures that its students are not just conversant with current technologies but are also capable of applying their knowledge in real-world scenarios.

At The Studio School, the phrase "industry-ready" is more than a slogan; it is a promise. The school's innovative approach and partnership with AWS Academy exemplify how educational institutions can bridge the gap between academic learning and industry needs, preparing students to excel in their future careers. This year, students from the technical pathway, have secured degree apprenticeships with PWC, Sellafield and ARM to name just a few. Adam Worden has recently gained certifications for both cloud fundamentals and security, Adam has now completed the AWS Developer course, which is a fantastic achievement.



### The 2024 Arabic Speaking Competition Awards Ceremony

Lilias attended The 2024 Arabic Speaking Competition Awards Ceremony, which featured guest speakers promoting the benefits of learning Arabic, including professors, council directors, and research officers from Qatar Foundation International. The event included student performances from various schools, as well as lunch and refreshments. Lilias was recognized for her outstanding effort and awarded a certificate and a gift. She also enjoyed her first train journey and the experience of visiting Oxford.

### Martin Bamber Problem Solving Session

Martin Bamber from the Advanced Mathematics Support Programme at Liverpool University visited to deliver a problem solving session to our high ability Ignite and Year 10 students. This was a fantastic opportunity to practice key skills with an academic from our sponsor university.



### History trip to Hardwick Hall

On Monday the History Department took 65 students to visit Hardwick Hall in Chesterfield. Hardwick Hall is one of the finest Elizabethan buildings in the country. The Hall will feature in the historical environment question on the GCSE exam next year. To ensure students are well prepared for their exam, staff gave students the chance to explore the home and gardens and enjoy the sunshine.

### GCSE Photography Trip

Our Year 10 students completed a walking documentary photoshoot in the Baltic Triangle, Albert Dock, and Three Graces for their Personal Investigation Project. They experimented with landscapes, close-ups, high angles, depth of field, and candid shots, collecting images for their new GCSE project.



### Lady Lever Art Gallery Trip

On Wednesday, our Year 12 Creative Media students visited the Lady Lever Art Gallery in Port Sunlight. They attended the "Landscapes by Women Artists" exhibition and the "Another View: Women in the Arts Career Day" conference, where they heard inspiring stories and career advice from women in the art field. Students also explored the gallery's permanent exhibition and the village of Port Sunlight, taking photos for their art projects.

### Bushcraft Trip

This week, our Ignite and Year 10 students enjoyed a two-night stay at a safari-style camp in Yorkshire. They slept in tents, cooked over open fires, and participated in activities like shelter building, first aid training, and outdoor adventures. The trip was a great break from screens, helping them develop communication, team-building, and leadership skills for their upcoming GCSE years. For more details about their trip, visit <https://lifesciencesutc.co.uk/bushcraft-trip-2024/>



### Work Experience at Liverpool Life Sciences UTC

Karyna, a student from West Kirby Grammar School, joined us for a week of work experience in the Liverpool Life Science UTC labs after her GCSE exams. This was her second time working with us, and she provided valuable support, especially during a full-day practical for the Year 12 BTEC Applied Science cohort. Karyna excelled in developing her own microbiological techniques, including preparing media, pouring plates, inoculating cultures, and conducting antibiotic sensitivity testing. Her impressive performance was a great help to Sarah, Liam, Bev, and myself. One student even mistook her for a university student.



### University of Cambridge Open Day

As part of our commitment to raising aspirations, we support students who are applying to university by helping them to attend open days. This week, students attended an open day at the University of Cambridge. They enjoyed subject talks, visited various colleges, the libraries, gardens and accommodation.