

# CUC NEWSLETTER

## SPRING, WEEK 6



### 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,

What a brilliant first week back! Year 11 and 13 are at the end of their full week of PPEs – they should be really proud of themselves. All of year 11 have been selecting after school study sessions which start from Monday – they will run from 4-6 (3-5 on a Wednesday) Monday – Thursday and buses are also running to the stations. Students are encouraged to attend at least two sessions from now until the exams begin – 2 sessions per week will mean approximately 40 hours of additional revision time! You will be informed of the evenings your child is staying and also their attendance. If you have any questions please contact student services.

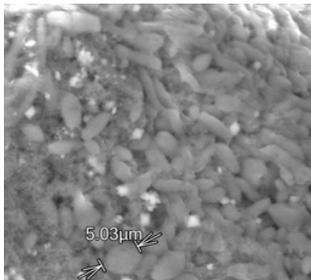
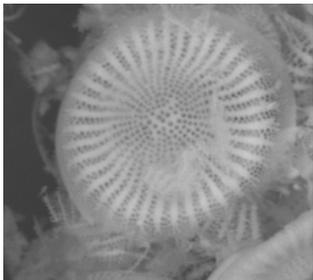
### Computer Science Trip

Year 9 Tech students visited the University of Liverpool for a Computer Science taster day. The interactive day was run by staff and students from the University, with workshops on artificial intelligence, encryption and algorithms, finishing with robotics.



### Electron Micrograph Projects

This week our students used an Electron Micrograph which was taken at x2000 magnification. The diatoms pictured (below left) are from around 2.5 million years ago and have a 'shell' made of silica, a substance like coloured glass, which leads them to being known as "Opals of the sea". They are photosynthetic single celled organisms which are responsible for removing carbon dioxide and producing oxygen and our students at Liverpool Life Sciences are hoping to find living samples in water from the River Mersey.



Students also looked at symbiotic culture of yeast and bacteria (SCOBY) with SCOBY'S being used to brew the drink Kombucha. We can see the cellulose, which the bacteria have made (circled) and a variety of microorganisms. Some are the right size to be yeast (eg 5µm) and some to be bacteria (1µm). The project is being run by Year 12 Medicine candidates as SCOBY's are a potential treatment for burns and we will vary the food we feed the SCOBY and see how it affects growth.

### Early closure - 28th February, 3pm Finish

Due to the Ignite Subject parents evening, School will close for students at 3pm

### Creative Boost sessions

Are you in Year 10 and 11 and want to improve your current Art, Graphics or Photography grade? Then 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.



### Our Kid

*Our Kid* is based on the multi award-winning short 'THOMAS' by Daniel P. Lewis, and directed by 'bad guy' actor Sean Cronin. The story is told through the eyes of twelve-year-old Laura whose goal is to one day play football professionally. Although Laura has many footballing heroes, it's her brother Thomas who is her biggest hero. He raises money for charity through a sponsored bike ride, while overcoming the challenges of Cerebral Palsy, and shows the community what determination and perseverance can achieve.

You can purchase tickets here:

<https://www.skiddle.com/whats-on/Liverpool/Plaza-Community-Cinema/Our-Kid---Film-Screening-with-CastCrew/37882990/>

Or watch the trailer here:

<https://www.youtube.com/watch?v=EJHqSZ0oZHU>

### Live Parent Webinar: How you can help prepare your child for exams - Tuesday 5th March 6-7pm

Elevate Education's next live webinar is perfect for parents looking for exam-specific advice. Focusing on exam preparation, you will be guided through some easy-to-action strategies to help your child face assessments with confidence.

Register to join the session here:

<https://go.elevateeducation.com/ukschoolwebinar> to register

### Word of the Week - ALACRITY

Definition: Speed and eagerness

Usage: "she accepted the invitation with alacrity"

**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.

