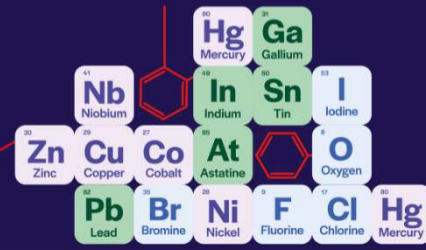
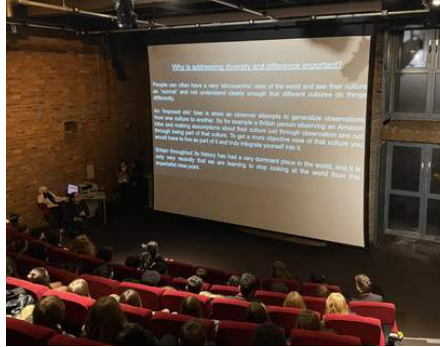


CUC NEWSLETTER

SPRING, WEEK 7



Another week of PPEs. Well done to students in year 11 and 13 for their dedication to these important assessments. Results and feedback will be shared shortly with students to help students improve their grades in time for the final exams in May and June. Well done also goes to our Year 12 student leaders who delivered a fantastic assembly on Ramadan. They explained beautifully how Ramadan is celebrated by our Muslim students.



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

Word of the Week - SUSPENSE

Definition: A state of excited or anxious uncertainty about what may happen;
Usage: "come on, Jay, don't keep me in suspense!"



Visit by White Cross Vets: Dr. Dominic Waller travelled from White Cross Vets, Kings Health in Birmingham and brought 4 ultrasound scanners to lead a workshop for our aspiring vets, midwives and medics. The students had the opportunity to learn about the use of ultrasound before having a go themselves through having to locate and identify a range of items hidden in jelly. This partnership with White Cross Vets and the wider IVC vets chain is providing exciting and valuable experiences to our students and several of our aspiring vets will soon be starting week-long work experience placements.

Student Leadership Team: The student leaders this week have showcased what they have been reading for world book day and have been developing our little libraries. Three of our student leaders led a wonderful and informative assembly for our unite students on how Ramadan is celebrated. Plans for the year 11 prom are also still ongoing and anymore deposit's need to be brought to student services or can be paid online.

The Pay Index: Students can access Pay Index information through Shaping Futures. This LMI resource usually incurs a subscription cost per student, but if students register before March 28th 2023. It can help students to decide what university course or career to explore based on real information about earnings in the UK.

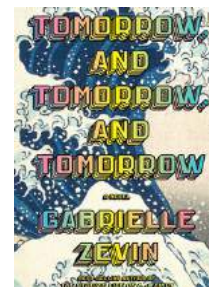
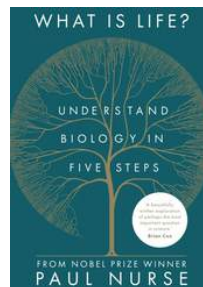
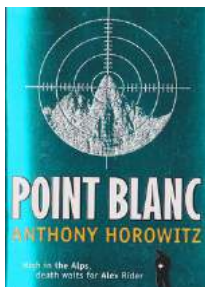
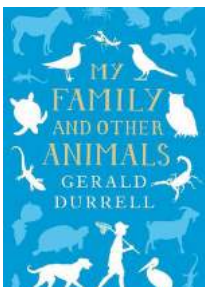
Animal Care: It has been a very exciting week in the Animal Care room as our eggs have arrived. Over the next three weeks we will be keeping a very close eye on them to understand the conditions required to hatch these rare chicken eggs. The eggs will remain in the incubator for 3 weeks and are due to hatch around the 22nd March- just in time for easter! We can't wait to meet our new chicks.

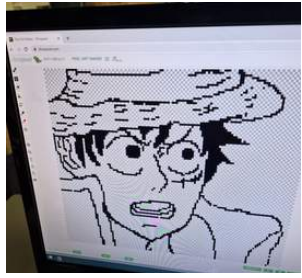


Coming Soon: English Support for Parents

We are delighted that we will be able to offer classes for parents who have English as an additional language to develop their skills. Classes will be delivered by our incredible languages team, Sara and Manal and will take place in the CUC Building. We will shortly share more information about when these free sessions will take place.

World Book Day Staff Recommendations: Check out these great reads...





Computer Science: Year 9 have been investigating image representation and enhancing their theoretical understanding of how images are electronically presented. Year 9 students then put into practice the development of an image as can be seen in the wonderful picture example created by Adriece Downer.

Health: Year 13 students are very excited to be starting their cadets placements with our sponsor, Royal Liverpool and Broadgreen University Hospital Trust next week. The first of our Cadets are starting at Broadgreen Hospital.

History: Year 9 have been studying Section 28, Margaret Thatcher, and the introduction of positive LGBTQ legislation in the later part of the 20th and 21st centuries. Year 10 have looked at the Aids outbreak and development of DNA. Year 11 have been revising for their exams. Year 12 have just begun looking at the build up to independence in US colonies and finished looking at the dissolution of the monasteries under Henry the Eighth. Year 13 have sat their PPE and then been working on their coursework which is 100 years of anti-Semitism.

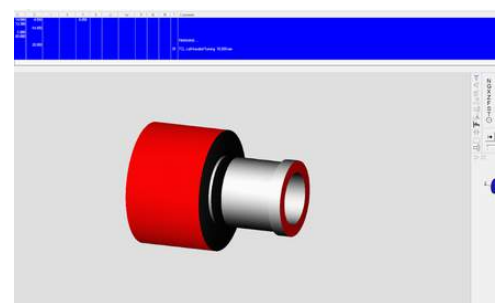
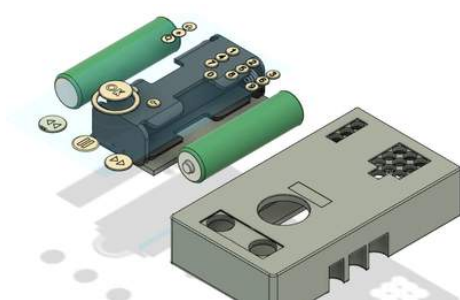
Psychology: Year 10 learned about Dweck's Mindset Theory and Learning styles and developed an understanding as to why Willingham criticised learning styles. Year 11 completed their paper 1 PPE exam and are now preparing for their paper 2 exam next week. Year 12 completed their memory topic and are now preparing for their end of topic assessment. Year 13 completed their paper 2 and 3 PPE exams and eagerly await the results.

Sociology: Ignite have been developing their social researcher skills by conducting research projects into criminal court cases and applying their understanding of society to assess the crime, its consequences and suitability of punishment. Year 10 have been learning about the Education system and how policies have changed over time. Students have used critical thinking skills to assess the implications of each policy introduced and all students have been able to apply this knowledge to exam questions. Year 11 have worked extremely hard to prepare for their PPE's and have now completed both papers.

Criminology: Year 12 have been analysing how social change affects policy development.

Social Sciences Pathway: The social sciences pathway had the opportunity on Wednesday afternoon to listen to a series of guest speakers from the University of Liverpool about studying law and becoming a solicitor.

BTEC Applied Science: Year 13 have been learning about polymers in materials science and the role of additives in changing the properties of the polymer. They have also been learning about what sensors do and have used and evaluated a range of sensors in the lab. Year 12 completed practicals to investigate separation using TLC and paper chromatography of leaf pigments and amino acids and will be evaluating their results next week.



Engineering: Year 10 have been finishing off their TV remote designs as part of their OCR level 2 in Design Engineering. They have been using Fusion 360, a cutting edge software to develop the initial sketches they had created into fully functioning 3D CAD models, showing how traditional methods can be transferred into modern design techniques. Year 11 have finished their final piece of coursework for their R106 unit on the analysis of a product through disassembly. For this project they had to formulate a research plan and collect information about a gaming controller, before doing some hands-on work taking apart the controller to develop their tool skills. From this they were able to write a final evaluation of the product and use their expertise to make suggestions for future development. Year 12 are looking forward to taking part in a masterclass ran by Sam Creed, a lead engineer at Sellafield, on ISO/BS8888 drawing standards. The students will learn skills and acquire knowledge that puts them on par with industry professionals and equips them with the tools to create technical drawings that are recognised as the gold standard across international organisations. Year 13 are working through their final project, based on CAM in partnership with Bulgin. For this they have to manufacture an expanded beam fibre optics connector. Students have learned how to create simulations to ensure their toolpaths are fully functioning and are as efficient as possible for the long term development of high end products.