



*Inspiring the leaders of tomorrow to think for themselves and act for others*

## MESSAGE FROM MR LAWLOR

Firstly, a big thank you and many congratulations to all the students and staff who worked so hard and magnificently to ensure that the school community enjoyed amazing Dance Shows and superb Christmas Concerts this term. These are important moments for our community to gather and celebrate the arts and rightly show our appreciation for the fabulous students who grace this school.

In our final Friday bulletin of this calendar year, I would like to thank the CCHS community.

Thank you to students for all that you have contributed to our school community, both individually and collectively, this term...

- for working hard and well, participating in clubs & societies
- enjoying House events and enrichment activities
- for looking out for each other and helping your friends.

Thank you to all the staff for their hard work and commitment...

- for their work in the classrooms
- in the Library
- in student and school services offices
- the Site Team, the premises staff and the catering staff.

Thank you to CCHS families for the care and encouragement they provide to us all.

Thank you to the CCHS Parents' Association for their great work and support.

And thank you to our Governors for their dedication and wisdom.



# SPOTLIGHT

*Each week, a member of staff provides a brief outline of their work in the school in our 'Spotlight' feature. This will enable the CCHS community to appreciate the nature, importance and impact of the industrious and talented staff who work at our school. Allied with our wonderful students, encouraging parents and supportive governors, our school community is blessed with people who are committed to excellence in girls' education and empowerment.*

*Mr Lawlor*

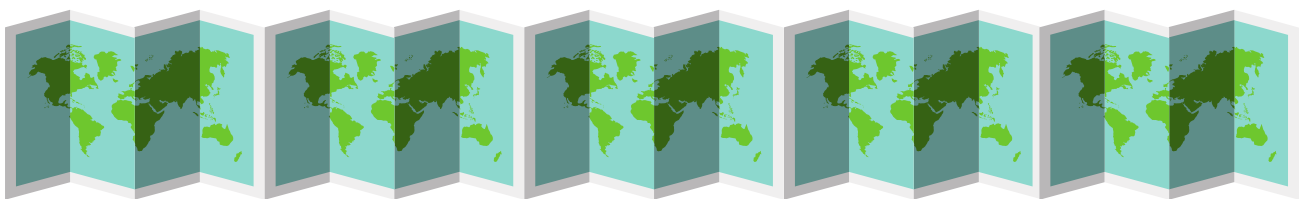
Geography is key to understanding the world in which we live and how current actions and processes will have implications for our global future. Within the department we encourage students to look at their world – locally, nationally and globally – through a geographical lens, seeking to understand its nuances, its complexities and to critically evaluate the ways in which such intricacies are presented to them.

As Subject Leader of Geography my role is to monitor the delivery of the Geography course to all year groups, to ensure that standards are maintained and to provide support to students that require it. The Department has a strong team of four other teachers and a curriculum that empowers and equips students with the knowledge and skills to be able to engage with 21st-century challenges confidently.

This year we look forward to widening the opportunities for our students to engage with geographies beyond the curriculum through competitions such as Young Geographer of the Year, and to make meaningful connections to their knowledge of other subjects, for example through regular participation in the weekly Humanities Society

Miss J. Vigrass

Subject Leader of Geography





# Student Achievements

Have you got some news to share?  
If so, please email Mrs Gross (jgross@cchs.co.uk) and attach a photo or logo, if applicable.

Prethika, (11C), has won first prize at a national level Tamil public speaking competition conducted by the Northern Tamil association in Solihull on 2nd December.

This year she spoke on the subject of Friendship. This is the third consecutive year she has won an award from the Northern Tamil association's annual speech competition.

Congratulations, Prethika!



Athlete of the Week is Isabelle, (8H), for her phenomenal swimming in a MESSSA swimming fixture. Her skills in the water and commitment to her team, contributed to them winning.

Well done, Isabelle!



Please follow our CCHS PE Department Twitter account to keep up to date with our sporting news

[@CCHS4GPE](https://twitter.com/CCHS4GPE)



Please follow our PE Instagram account for everything PE & Sport.

[@pe\\_cchs](https://www.instagram.com/pe_cchs)





# Student Achievements

Have you got some news to share?  
If so, please email Mrs Gross ([jgross@cchs.co.uk](mailto:jgross@cchs.co.uk)) and attach a photo or logo, if applicable.

Matilda, (13DNO) and Mo, (13PKU), have been awarded silver certificates for their engagement and progress with the STEM SMART programme at Cambridge University.

Well done, Matilda and Mo!



## UNIVERSITY OF CAMBRIDGE



Amelia, (7H), won two 1st prizes and one 2nd prize in the Chelmsford and Southend Music Festival in the String U12, Diploma and Professional categories. Also she has been successfully selected as part of the National Children's Orchestra. This will be her 3rd year in the NCO.

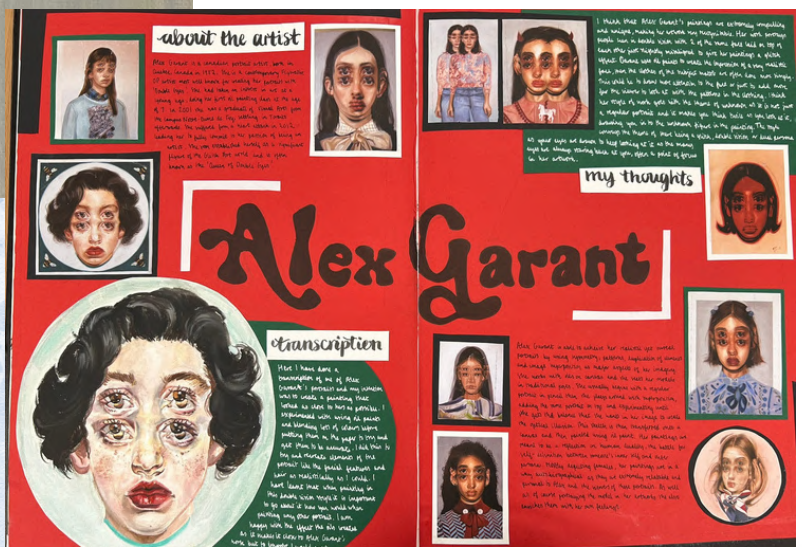
Amelia has also won the 2nd prize for U12 in the Essex Ski Race Club annual prize giving ceremony.

Well done, Amelia!





# ARTIST OF THE WEEK



The last ARTIST OF THE WEEK for this calendar year goes to Nelly, (10C), for her incredible work on Alex Garant. Just fantastic!





# LOST PROPERTY AMNESTY

Monday 18th December

From 11.35am-1.10pm - Main Hall

**IF YOU HAVE LOST ANY WATER BOTTLES, PE BAGS, COATS  
AND ANY OTHER ITEMS, PLEASE COME AND TAKE A LOOK  
THANK YOU**



## YEAR 9 YPRES TRIP

Many thanks to Year 9 Parents and Carers who have replied with their child's passport and EHIC/GHIC details.

There are a large number of replies outstanding. Please fill in the details form on ParentPay before the end of term.





## CSES- ARU Christmas Lecture

### The GB Team's Track Bike for The Tokyo Olympics

On Wednesday 6th December, 25 of our GCSE students had the opportunity to attend the CSES Christmas lecture to hear Professor Tony Purnell, former Head of Technology at British Cycling, talk about how engineering helped Great Britain top the cycling medal table at the Tokyo games.

Prof. Purnell who was also responsible for the design of the 2020 bike, shared some of the revolutionary features and technical challenges that enabled the team's success. The students also got an insight into Prof. Purnell's life as an Engineer in both cycling and as the lead principal for Jaguar and Red Bull Formula One, and the various career pathways available to deliver the technology needed to address various challenges we face.

*"Last Wednesday, a number of students went to Anglia Ruskin University to listen to Professor Tony Purnell talk about engineering. We learnt about the process of making the gold-medal winning bike from the 2020 Olympics and how it was designed and tested. It was really interesting and inspiring to hear about all Tony has achieved."*

Lily (10 H)



House Decorated  
Classrooms

Monday 18th December

CCHS Carol Concert  
(for students only)

Tuesday 19th December

Year 7 Pantomime Trip

Wednesday 20th December

Last Day of Term

Thursday 21st December  
(early closure at 1pm)



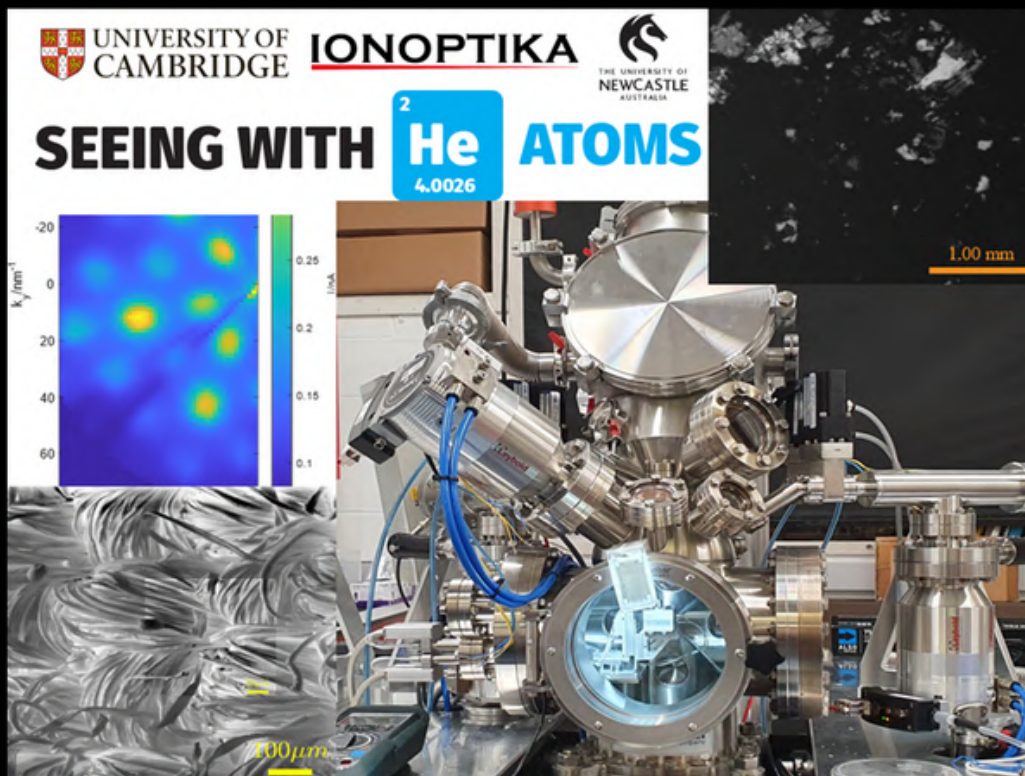
# Seeing with Atoms

An IOP / CSES lecture for the public, presented by  
Dr David Ward, University of Cambridge

Thursday 25<sup>th</sup> January 2024

**CCHS will be holding an early edition of this lecture in  
Room V10 at 4:15 pm**

With the lecture at ARU starting at 7pm  
Refreshments available from 6:30 pm at ARU



How can you study something if you can't see it? Now, imagine if looking at something damaged it...

How would you study it when merely looking at it changed it?

It's not far from the truth! Think about the fabric in your house, curtains or a sofa, or your favourite T-Shirt, is it the same colour as when you bought it?

The fading and discolouring of fabric is an effect of light breaking down the chemicals in the dye, so it's not hard to believe light is damaging your sample. If you use higher energy particles like electrons the damage can be even more. We have made a microscope that doesn't damage a sample while imaging it!

Our microscope uses a beam of helium atoms to measure surfaces. We make the beam, focus it onto a sample, and then detect the scattered intensity. By rastering the sample in the beam, we can generate an intensity map which has contrast originating from various properties of the surface, especially its topography, but we can also learn about its chemical composition and other surface properties.

**Location:** MAB221 Lord Ashcroft Building, Anglia Ruskin University,  
Bishop Hall Lane, Chelmsford CM1 1SQ

Attendance is free and open to all – no reservation required.  
For further information please contact [david.d.hall@physics.org](mailto:david.d.hall@physics.org)



# Get into Teaching

## Are you interested in training to be a teacher?

If you've just graduated, you're studying for a degree or you want to change your career, we can help you understand what training you need to do to get qualified teacher status (QTS). You need a bachelor's degree (in any subject) to teach in primary, secondary and special schools in England. For secondary teacher training, your provider will want to make sure you have a good knowledge of the subject you're applying to teach. If you have a degree, you can do postgraduate teacher training to get qualified teacher status (QTS). Teacher training courses usually take 9 months full-time, or 18 to 24 months part-time. If you are interested in finding out more about getting into teaching, visit: <https://getintoteaching.education.gov.uk/>.

## Career change?

Teachers have the opportunity to inspire young people and give them a good start in life. Now Teachers are all using their experience to make that opportunity a reality. As a career-changer, you can bring your hard-earned experience, skills and networks into the classroom to make a real difference in the lives of your students. Changing career is the future of work. We are staying healthy and working for longer, which gives us opportunities to explore different career paths and learn new things. Career changers who retrain as teachers can make a huge impact. They might have fewer working years than a graduate but their professional nous can make a real difference on young people's lives. If you are interested in finding out more about what a career change into teaching could mean for you, visit: <https://nowteach.org.uk>.

## What does it cost?

Funding is available to help you train to teach. You can apply for a: tuition fee loan of up to £9,250 to cover your teacher training, so you do not need to pay course fees upfront; maintenance loan of up to £13,022 to help with living costs. You can still apply for a tuition fee and a maintenance loan if you already have a student loan, and regardless of whether you get a teaching bursary or scholarship. You may be eligible for a bursary or scholarship if your teacher training course leads to qualified teacher status (QTS). These are tax-free amounts of money you receive to train in certain subjects. You do not need to pay them back. This could be a maximum bursary of £28,000. Find out more about funding your training by visiting: <https://getintoteaching.education.gov.uk/funding-and-support/scholarships-and-bursaries>.

## Train at Chelmsford County High School for Girls?

Here at CCHS, we have a proud history of training the teachers and school leaders of tomorrow. You would be training in a school where learning is valued and appreciated by its students. Our learners are motivated by, and passionate about, their subjects. The training provisions at CCHS include a dedicated early careers professional development programme and access to professionals with a range of experiences supporting trainee teachers into the profession. If you'd like to discuss opportunities for training with us, please contact: Mr Adam Selby, Assistant Headteacher, on: [ASelby@cchs.co.uk](mailto:ASelby@cchs.co.uk) or visit our website: <https://www.cchs.co.uk/about-us/vacancies/working-at-cchs/initial-teacher-training-opportunities/>.

## Our partners?

We currently work with the following training providers to offer Initial Teaching Training placements, please visit their websites to find out more about their own training programmes:

- Billericay Education Consortium Teacher Training ([www.billericayscitt.com](http://www.billericayscitt.com))
- Essex Schools ITT ([www.essexschoolsitt.com](http://www.essexschoolsitt.com))
- Mid-Essex ITT ([www.midessexteachertraining.com](http://www.midessexteachertraining.com))
- The Faculty of Education, University of Cambridge (<https://www.educ.cam.ac.uk/courses/pgce>)



**NOWTEACH**

# The International Coalition of Girls' Schools

In July 2022, CCHS became one of the founding UK schools of the International Coalition of Girls' Schools (ICGS). ICGS is now the leading advocate for girls' schools globally.

The work of ICGS is to advance the mission of girls' schools. Girls' schools play a vital role in educating and empowering girls, which is essential to overcoming our world's greatest challenges, from climate change to human rights, from global health to sustainable human development. The purpose of ICGS is to nurture the girls who will become the indispensable women leaders of tomorrow. We, at CCHS, will continue our work and commitment to excellence in girls' education and empowerment. When it comes to girls' education, there is always more we can do, together.

The ICGS produce a variety of resources to support both teachers and parents in supporting the development of girls and young women. This week we share with you a podcast centred around Girls and conversations. In this “conversation about conversation,” host Trudy Hall learns from educators deeply knowledgeable about teaching discussion skills. Liza Garonzik, a former classroom teacher, is the founder of R.E.A.L. Discussion, an organization committed to the idea that discussion is the key to humanity, and, as important, discussion skills can be segmented into teachable elements. Joining her is Callie Hammond, a girls' school educator and Global Action Research Fellow, bringing her recent research findings and experience with teaching these skills to girls (Link: <https://girlsschools.org/advocacy/blog/2023/08/09/on-educating-girls-podcast-girls-love-real-conversation/>). Offering both theory and practical skills for every adult who engages with girls, Callie and Liza remind us that girls are eager, interested and delighted to engage—if we offer them the tools that give them the confidence to do so. You can also find this podcast on Apple Podcasts, Spotify and Google Podcasts.







# Chelmsford County High School for Girls

## Keep on swimming!



### Context

The CCHS swimming pool was built in the 1960s, partly from funds raised by CCHS families. Dedicated upgrading and maintenance work over the years has ensured that the pool has served generations of students and young people across the Chelmsford community.

At the moment, our pool supports the PE curriculum for our 1,162 students, as well as nearly 200 pupils from five local primary schools, and nearly 600 young people from the wider community who use our pool with clubs.

Our swimming pool is truly a community pool.

### Goal

Now is the time to modernise this important community resource to preserve it for future generations of students, pupils and young people. We are asking for your support now, just as the CCHS community rallied in the 1960s to ensure a pool was built, to help us achieve this important goal.

### Fundraising

We estimate that the pool will require up to £250,000 over the next two years to bring it back to a suitable condition to support swimming in our community for the foreseeable future.

Our immediate need is to replace our aged boiler and gas pipework, which will cost approximately £35,000.

We will be organising some sponsored events and other fundraising activities, however if you are able to support us with any amount, we have a fundraising page available at <https://www.totalgiving.co.uk/appeal/Keep-CCHS-Swimming>

