



Clacton County High School Sigma Sixth Tending Weekly News



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[Sigma Sixth](#)

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Science - Learning on Location @ Minsmere Nature Reserve

Over the past couple weeks, over fifty Year 10 Science students have attended one of the two science trips to the RSPB Nature Reserve at Minsmere, on the Suffolk coast. They utilised their day 'Learning on Location' to focus on different sampling techniques, as part of their GCSE Biology course. Unfortunately, the first trip was a little wetter than the second!



The RSPB Education team delivered a day of practical activities with students learning about how to conduct random sampling. They used the data they collected to map the composition of invertebrates in a part of the nature reserve. Students also undertook the systematic sampling of plants, to assess the impact of visitors on the biodiversity of plants within part of the nature reserve.



Year 7 Mathematicians in Action

A number of our top Year 7 mathematicians recently travelled to St Helena School in Colchester for their first North Essex Maths Olympiad (NEMO); the final edition of this year's annual contest for Year 7, 8 and 9 students. Over eighty students, from nine schools from across North Essex battled it out and as always, there was an extremely high level of mathematics on display resulting in a very good competition; some of their adversaries are already working at a level of maths expected from Year 9 students! Well done to both CCHS teams who showed excellent cooperation and high spirits throughout, and impressed the judges! Our two teams showed excellent teamwork and work ethic throughout the competition, coming very close to completing the dreaded NEMO Challenge. Well done to Karina, Leo, Thomas, Ryan, Sophie and Kyla (not pictured). We're looking forward to see what they can do next year in the Year 8 competition!



Spring term ends next Thursday

The end of the spring term is now less than a week away! **We finish for the Easter holiday next Thursday, 28th March. School finishes on that day after Lesson 2 at 11.55am – All year groups will have their morning break at 10.20am, between lesson 1 and lesson 2.** Clouds restaurant will be open at break for a Grab 'n' Go Service only. Students in receipt of Free School Meals (FSM) should collect their daily meal at morning break.

The last day of term will be a non-uniform day in aid of charity and this term we are supporting Cardiac Risk in the Young. CCHS PE Teacher, Miss Cox, is running the London Marathon on the 21st April for the charity and our donations will help boost her fundraising total. **Donations can be via the School Shop Option on Arbor - just allocate a donation to the 'CCHS Non-Uniform Day 28th March'** or cash on the day; the recommended donation is a minimum of £1. Form tutors will also be collecting contributions.



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CCHS Hosts Annual Sigma Trust STEM day

This week a team of Year 8 students competed in the annual Faraday Challenge day led by the Institute of Engineering and Technology (IET) and hosted at CCHS. Teams from the other Sigma Trust secondary schools competed against each other in the national competition entered by hundreds of other schools. The engineering-based competition is now in its 16th year and for the 2023/24 Faraday Challenge, the IET have teamed up with National Highways and The Rees Jeffreys Road Fund. Teams of six students from across the country are competing to see who can design and create a device linked to their brief– as teams are competing throughout the year, details about the challenge need to remain secret so not to give other teams an unfair advantage! During the Challenge Day, the teams worked on their designs producing their own design brief and an explanation of their ideas, along with the construction of a working prototype model. Without disclosing any of the challenge details, the CCHS team designed an electric car charging station that was powered by solar panels. The day concluded with a presentation by each team, judged by the Faraday Trust co-ordinator who led the day. Well done to Tinashe, Rebecca, Zac, Zack, Lola and Lillie - despite not having the winning project, the whole team were a credit to the school and contributed together extremely well.



Pass it Forward – Former Student returns to lead Sixth Form Art Workshop

Recently, our Year 12 A-Level Art students welcomed the opportunity to work with local artist Annie Ashwell, whose appetite for art was ignited whilst she was a student at CCHS, and refined through her GCSE and A-level Art portfolios. Annie spent time exploring the process of painting and created large scale expressive abstract oil paintings, investigating colour and mark making. She was also keen to share her path into becoming an artist from leaving CCHS Sixth Form, after taking her A-levels in 2017, and through to university. Annie took time throughout the workshop to impart her knowledge and experiences in relation to creating a portfolio for university art applications and how to exhibit and promote your artwork to establish a career as a practising artist. The students thoroughly enjoyed the creative process of the workshop and were inspired by Annie's passion and enthusiasm for Art.



Opening Eyes on Modern Foreign Languages

This week, a number of our Year 10 GCSE Spanish students enjoyed a day at the University of Essex, as guests of the Languages Faculty. They were introduced to a number of Under-Graduate and Masters Language students, who spoke about studying languages at University, their experiences of their year living abroad to help immerse themselves in the language they are studying and the exciting opportunities that being bi-lingual can offer. The day included a special insight into the world of translation, in particular dubbing and subtitling of various forms of media, both in native and second languages. It was fascinating to learn that it is not just a case of translating the audio into another language but the necessary consideration to the dubbed vocal fitting with the mouth movements of the actors and the length of the subtitles compared to the time it takes to read verses the duration of the particular scene. The students also had an opportunity to learn about the various study opportunities offered by the University of Essex, in any subject, not only languages. The day concluded with a tour of the vast campus including an insight into the amount of on-campus accommodation available to all Essex University students.



Celebrating Student Success

Attendance Weekly Golden Ticket Awards

100% Attendance prize draw - one student from each form group wins their form's 'Golden Attendance Ticket', allowing them to skip to the front of the Clouds food servery queue on a day of their choice.

Congratulations to.....



Year 7

Georgia Anderton, Lillie-May Castle, Abigail Feighery, Maddie Hudson, Kyra Kenvyn-Rains, Leyland Marlborough, Lucia Pearce, Jessica Purdy, Mia Smith, Max Stevens, Maisie White and Kason Wright



Year 8

Lola Collins, George Hall, Liv Izzard, Demii Lee, Bailey Marsh, Ellie May Connelly, Conner Mounfield, Lilly Norris, Maisie Roberts, Dale Storkey, Ethan Swift and Hayden Welsh



Year 9

Christina Doe, Millie Field, Kian Fryer, Leo Goldstein, Thomas Hillier, Lily Langridge, Grace Lee, Logan Parker, Mya Prior, Robbie Short and Princess White



Year 10

Tilly-Rose Amman, Scarlett Brooks, Matylda Buda, Kierra Cox, Suzanna Deans, Flynn Eyre, Dominic Jarrett, Jan Pankiewicz, Lucie Rudd, Grace Sippitt and Oliver Wicks



Year 11

Rebecca Brown, Alice Dale, Kayde Edwards, John Forman, Riley Gentry, Lily Higgins, Jack Keeling, Calleigh Lincoln, Alfie Morris and Jamal Yahya

Weekly Proud Awards

The top students in each year group who attained the most PROUD+ points last week and also had 100% attendance (listed alphabetically) – Each year group winner collects the top prize of an amazing £10 Amazon voucher.



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Year 7

Iqraam Ali, Olivia Blyth-Rotchell, Madison Brown, Sophie Chapman, Tilly Luton, Riley Mason, Stanley Newman, Evie Rosier, Sophie Sturt and Finley Ward

Winner – Sophie

Year 8

Ewan Bell, Tahnee Brogan, Tommy Brown, Tinashe Jayden Chandiwana, Caitlin Clarke, Toby Daubney, Jamie Dickings, George Hall, Lucas Jiang, Chloe Pickard, Serena Pye, Zac Russell, Oliver Shove and Kaedyn Stanton

Winner – Tommy

Year 9

Ameera Al-Lamki, Joseph Cartwright, Louie Fayik, Ronnie Marshall, Demi Merrick, Isabelle Partridge, Lucie Protheroe, Lilly-May Smith, Hai Yen Thi Vu and Marika Wrembel

Winner – Demi

Year 10

Bobbi-Leigh Bates, Hayden Edwards, Erin Feagan, Samuel Kettle, Laci Kill, Ayden Marra, Charlie Offord, Mia Partner, Alfie Soames and Nathan Ward-Wilkinson

Winner – Ayden

Year 11

Tiffany Ball, Maximilian Brigden, Abigail Cooper, Harley-J Farrin, Jack Keeling, Jessie Searles, Daisy Stow, Kieran-John Streeter and Riley Tomkins

Winner – Abigail