



COMMUNITY NEWSLETTER

CAMBORNE SCIENCE & INTERNATIONAL ACADEMY

One of Cornwall's most consistently high performing state secondary schools

ISSUE

78

APR 2023



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STUDENTS EXPERIENCE AN UNFORGETTABLE HISTORY TRIP TO BERLIN

The February half term was packed full of historical adventure for Camborne's GCSE and A-level students. Teacher and students boarded 'Barbara the bus' and set off on a tour that would see them visit some of the most historically significant sites of the 20th Century. 24 hours, and numerous renditions of "We didn't start the fire" later, they arrived at Berlin.

After a quick dinner the group walked the short distance to the famous Berliner Fernsehturm or TV Tower which is still one of Europe's tallest buildings. The express lift took the group to the top with its rotating restaurant and spectacular views across the city. Then it was back to the hotel for a good night's sleep.

They say that an army marches on its stomach and the group was well catered for with a massive breakfast buffet. Onwards to central Berlin and a guided tour of the old city with its spectacular museum architecture and Brandenburg Gate; and 20th Century key sites including the Gestapo headquarters, Holocaust Memorial, Hitler's bunker, and finally Checkpoint Charlie. The group dined on currywurst and McDonalds whilst watching a climate change protest and then trooped to the Jewish museum. If you ever visit Berlin the Jewish Museum is a must visit attraction telling the evolving story of the Jewish community in Germany. There is an obvious focus on the Holocaust or Shoah with some amazing, thought provoking art installations including

the 'Garden of Exile', the 'Holocaust Tower' and the 'Memory Void'. The group thought it was outstanding. Back to the hotel for dinner and rest after almost 10 miles of walking.

The next day was focused on the Germany exam unit and saw the group visit historically significant sites of Nazi Germany. A short trip on Barbara saw the group arrive at the pretty but infamous Wansee Conference site which saw the Nazi regime decide on the 'final solution' and Holocaust. The trip leader was very proud to be told by the site's stewards that he was very impressed by the behaviour and inquisitiveness of the Cornish students. Next stop, the Berlin Grunewald train station which is now a working memorial to the deportation of the Jewish community from ghettos to Concentration Camps. The last stop of the day was Sachsenhausen Concentration Camp which saw the brutal treatment of inmates and the deliberate genocide of peoples. After an emotional day, it was fantastic to have some down time in the evening although there is no doubt the students unfairly ganged up on the teachers during the game of Uno!

The last day of the trip saw a visit into, and up, the Reichstag parliament building followed by enough souvenir shopping to reduce Germany's national debt by 2 percentage points, a last minute stop at the Berlin Prison to see the site of the execution of Von Stauffenberg, and then another 24 hours on Barbara. What a trip! What a group! Outstanding.



YEAR 7 STUDENTS SCORE BIG AT PLYMOUTH ARGYLE'S MATCHDAY EXPERIENCE

CSIA Year 7 students enjoyed an exciting matchday experience at Plymouth Argyle in March. The 36 students had a unique opportunity to tour the stadium and explore the changing rooms, as well as sit in the dugouts of the famous Plymouth Argyle Football Club.

The tour was followed by an invigorating training session led by Plymouth Argyle's own coaches, which gave the students a chance to hone their football skills under expert guidance. After a quick lunch break, the students settled in their seats to watch the match between Plymouth and Charlton.

Although Plymouth emerged victorious with a 2-0 win, the real highlight of the day was when the Year 7 students had the opportunity to step on the pitch at halftime to take penalties. It was an exhilarating moment for the young football enthusiasts who were thrilled to showcase their skills in front of a cheering crowd.

The students thoroughly enjoyed the matchday experience, and their behaviour was exemplary throughout the day, reflecting well on the school. Congratulations to all the students for making the most of this unique opportunity and representing CSIA with pride.



YEAR 9 STUDENTS' BAKE SALE RAISES OVER £200 FOR CHARITY

CSIA is pleased to announce that the Bronze DofE fundraiser, in aid of the Cornwall Seal Sanctuary and the RSPCA, was a great success.

The fundraiser was hosted by our Year 9 Bronze DofE students, who did an outstanding job of organising the event. Their efforts paid off as they raised a total of £204.66, which will be donated to these worthy causes. This also marks the completion of the volunteering section of the DofE award, bringing the students one step closer to their expeditions in June.

CSIA is proud of its students' commitment to community service and their willingness to make a positive difference in the world. This fundraiser is an excellent example of the school's values of compassion and dedication to others.

We hope that all students will come out and support this important initiative, either by purchasing some delicious cakes or participating in the games. Well done to all involved in organising and contributing to this fundraiser, you have made the school proud!



CSIA TAKES HOME MULTIPLE PRIZES AT CORNWALL SCHOOLS SHOW JUMPING COMPETITION

CSIA entered 4 teams into the Cornwall Schools Show jumping Competition on Sunday 12th March 2023 at Pendarves Equestrian Centre. Many teams from across Cornwall competed in the Novice and Open sections as well as presenting for the Tack and Turnout competition that saw them cleaning, brushing and pimping themselves and their ponies for many hours beforehand.

CSIA had a fantastic day and came home with prizes in all N. In the 95cm/1m class Maddie Nicholls riding Derrymore Dun Lady came second individually, narrowly beaten by the clock for first place. Barley H riding Marley placed 1st individually in the 80/85cm competition with a cracking time to see of all the other competitors. Eleanor N riding Lilly Cobb finished 16th in the same section after having an unlucky couple of poles in the final stage of the jump off against the clock. This saw the team take 2nd in the Open Teams and 2nd in Tack and Turnout section.

In the 70/75cms section Caitlyn L riding Sophie finished a fantastic 3rd, with Caitlin T taking 7th riding Harry and Isabella J 10th riding Secret. It was a great team performance that saw them take 2nd place in the teams and 5th in Tack and Turnout.

All of the riders did a fantastic job and for Thomas, Skye and Emily it was their first time competing for the school.

The next competition is on Wednesday 28th June at Pendarves Equestrian Centre.



The CSIA teams were:

Camborne Red Arrows (Open section): Maddie N, Barley H, Thomas P and Eleanor N

Camborne Red Barons (Novice section): Caitlyn L, Caitlin T, Isabella J and Charlotte E.

Camborne Red Devils (Novice section): Daisy H, Evie R and Lottie T

Camborne Red Rebels (Novice section): Thomas R, Sky M and Emily M

LITTLE MERMAID LEAVES AUDIENCES SINGING, CRYING, AND BEGGING FOR MORE

After months of preparation, the Little Mermaid musical came to life in three spellbinding performances at CSIA. The students' hard work and dedication were on full display, as they sang, danced and acted their way into the hearts of sell-out crowds.

Director Mr Graham praised the students for their exceptional performances, saying that he "Extremely proud of these students and the performances that they put on for the school and local community. Many were appearing in their first ever musical production, but all of them conducted themselves in a professional way both on and off the stage. I am extremely grateful to the dedicated and talented members of staff that supported the show and to our audiences for making each evening feel special."

For many students, the Little Mermaid was their first ever musical production, and they all rose to the challenge with professionalism both on and off the stage. It was evident that the students put in a lot of effort and energy into their performances,



which were met with enthusiastic responses from the audience.

The school's musical theatre club, which has been in existence for two years now, is seeing record membership numbers. The excitement around the Little Mermaid musical has left everyone wondering what the next production will be.

The Little Mermaid musical will remain a fond memory for CSIA and the community for years to come. Congratulations to everyone involved in the production!





WORLD BOOK DAY

Students celebrated World Book day this year by dressing up as their favourite book character or author. Inspired by the bestselling novel, *One of Us is Lying*. Students' detective skills were put to the test to find out who murdered Mrs Benton in the Learning Zone.

Each lesson lead to a new clue! During tutor time, the students were able to approach the crime scene, speak with the lead detective and relay any key clues back to their tutor group. In English the students analytical skills were put to the test when they had the opportunity to read through suspects statements. In Science they were narrowing the suspects down through ink experiments to try and work out who wrote the letter left at the crime scene and in Maths the students had to apply their logic and arithmetic to deduce a classroom number.

A day full of fun and adventure lead a 'flock' of children receiving prizes for their correct guesses. Well done Evelyn P-H the first student to work out 'Who Dunnit'.



PUBLISHED AUTHORS

Last year the students entered a writing competition competing against over 40,000 students nationwide! We were so proud to announce that our students were accepted and published in a collection of short stories titled: *Twisted Tales*.

Amazing effort and achievement to our esteemed writers: Isabella W, Jessica T, Laura R, Lauren S, Lili T, Maddie G, Oscar B, Rosie O, Seren R and Trinity N.

If you want to have a read of their short story, you will find a signed copy in the Learning Zone.



YEAR 7 AND 8 STUDENTS EXCEL IN ACCELERATED READER PROGRAM AND MILLION WORD READING CHALLENGE

Our Year 7 and 8 student have engaged incredibly well with our Accelerated Reader programme this term and we also launched our Million Word Reader. When a student has read 3 books, or read 166,000 words they are awarded their Bronze Star Reading Badge. Students will then move onto the Silver Star Reading Badge, collected after an additional 5 more books, or reading 332,000 words. Students continue following this process through the Gold, Emerald, Sapphire and Ruby Star Reading levels. Students who acquire all 6 Star Badges will have read a whopping 35 books or read 1 million words!

Congratulations to the following students who are well on their way to completing the challenge:

Bronze Badge Winners Yr 7

Ashleigh A, Zach B, Layla B, Sophia C, Aleia C, Louis C, Emmie C, Lexi D, Harrison D, Abi D, Joshua G, Will H, George H, Amelia H, Nicholas H, Gwyddion H, Mason K, Ollie K, Joanna L, Prya LT, Jackson M, Zabe M, Chloe M, Armandas N, Eve P, William R, Jasha RM, Phoenix S, Emily S, Kitty T, Thomas W, Ava W, Jenson W, Ewan W, Jowan W, Ella W and Filip Z.

Silver, Gold and Emerald Yr 7

Temujin BD, Emma B, Alfie C, Ava C, Jack D, Oscar E, Elsa F, Beth G, Jasmine H, Olivia M, Oliver M, Kieran O, Henry P, Aimee P, Ellie P, Evelyn PH, Oliver T, Levi T, Owen T, Evie T, Annika V, Ruby W and James W.





READING AROUND THE SCHOOL

Students spend up to 30 minutes reading their own book at least three times a week. This is during our Drop Everything And Read programme that we run through tutor time and English lessons.

Small reading intervention groups run every tutor time for Students in Year 7 -10. Through phonic comprehension and following the reciprocal reading approach, students develop confidence in their ability and flourish with their reading.

We also have **6th Form Reading Ambassadors** who are working on a one to one basis with selected students. Thank you to: **Charlotte E, Elizabeth K, William B, Alfie B, Sam T, Anya C, Piper B, William S, Bonnie H, Amelia S, and Solomon C** who have dedicated their time to improving the literacy of others. They really are inspirational role models.

Kim Fields and Amanda Williams run a group activity programme to support young people with their mental wellbeing. The National Literacy Trust research shows that children who enjoy reading are three times more likely to have good mental wellbeing than children who don't enjoy reading. Once a week they meet in the learning zone to read books that help them to develop an understanding of their own wellbeing and how to manage it.

CSIA READING SUPPORT EVENTS

Does your child struggle with reading? Have they lost interest in books? Do you need help in supporting them?

Then please attend one of our CSIA Reading Support events at Camborne Library on Bassett Rd. At CSIA, we wholeheartedly believe that improving reading will positively impact your child's self-esteem, motivation, behaviour and attainment. As such, these sessions will provide you with the tools to support us in supporting your child to develop their reading skills.

Pasties and cakes will be provided for you and any children you bring with you. We will also be running a 'storytime' for younger children if you would like to bring them.

Please register your interest by filling in the form: <https://forms.gle/rEL8uFCqjQmSVN4U9>



TOP TIPS FOR READING AT HOME

Tip number 1: Read for 20 -30 minutes a night.

As with anything, performance improves with practice. Encourage your child to read at home. Create a culture of reading in your household by reading with your child; letting your child see you read; and discussing books that each of you have read.

Tip Number 2: Comprehension questions.

When reading with your child, stop and ask questions to be sure your child is comprehending what is being read. Who is the story about? Where is the story set? Would you like to be one of the characters, why? What do you think will happen next?

Reading with your child, no matter what the child's age, is an important part of developing a good reader, building a lifelong love of reading and learning, and creating a loving relationship between you and your child.

Tip Number 3: Learn new vocabulary.

If you stumble across a new word, practice using it. Define the word, and then make it a challenge that they have to use it in a sentence the following day. Expanding the child's vocabulary is critical to their success.

Tip Number 4: Use a reading ruler

Use a bookmark or ruler to help guide you through your reading. They help to overcome reading difficulties and improve reading speed, accuracy and fluency. Simply place the bookmark along the line of text you are reading.

What Type of Book?

If you're looking for book suggestions, you may like to explore www.bookheads.org.uk for booklists, or visit a site like www.barringtonstoke.co.uk which produces books for reluctant, under-confident and dyslexic readers.

More information can be found on our website:

<https://www.cambornescience.co.uk/readingandliteracy/>

CSIA SPORTS NEWSLETTER

Keep up-to-date with everything happening in Sports at CSIA each week, by visiting: cambornescience.co.uk/pe-sport-drama-and-dance Including fixtures, results and stars of the week.



MARLEN WALKER INSPIRES YEAR 8s WITH RUGBY COACHING SESSION

In January, Cornish Pirates rugby player Marlen Walker hosted a coaching session for CSIA's year 8 students, who had won a house competition. During the session, Marlen shared his love for the sport and provided valuable insights and tips on proper rugby techniques.

The students were eager to learn and showed great improvement throughout the session. At the end of the coaching session, they had the opportunity to apply their newfound skills in a competitive game. The game was intense and exciting, with both teams giving it their all.

Marlen's coaching session was a valuable experience for the year 8s and provided them with the opportunity to improve their rugby skills. The event was a great example of how sports can bring people together and inspire young people to pursue their passions.



CSIA'S 7TH ANNUAL CAREERS FAIR SETS STUDENTS ON THE PATH TO SUCCESS

CSIA's 7th Annual Careers Fair, held on PSHE Day on 9th March, was an enormous success. Over 1000 students, parents, and carers attended the event, which provided a valuable opportunity for students to network and explore the 10 growth areas of the Cornish economy, as well as national and international companies, further education and higher education providers.

The fair was not only about exploring career options, but also about gaining practical skills to prepare for adult life. Students learned about managing their finances, understanding the labor market, independent living skills, enterprise skills, parenting, applying to university and apprenticeships, and received sessions in RSE from Brook and Barnados, drug and alcohol awareness from SCADA, and mental wellbeing awareness and support from Kernow Connect.

The day was packed with useful advice and guidance on living in the wider world and how it can impact our lives, now and in the future. Jacob



B, a student who attended the event, said, "The whole day was relevant to our lives, financially informative, and prepared us for life as an adult."

The event was made possible with the help of various organizations, including Avanti, Headland Hotel, Serco, Costain, Cornish Lithium, Action for Children, University of Falmouth, University of Exeter, Peninsula Medical School, Royal Navy, British Army, RAF Cadets, University of Winchester, RG Kellow, National Citizen Service, BF Adventure, Devon and Cornwall Police, Royal Cornwall Hospital Treliske, A&P Engineering, University of Bath, University of South Wales, Education Business Partnership, Minack Theatre, Children's Hospice South West, Cornwall Marine Academy, Careers 4 U, ASK Apprenticeships, Software Cornwall, Office of Rt Hon George Eustice MP, Cornwall College, Duchy College, Hospitality Cornwall, Barnados, Brook, and SCADA.

The fair also allowed students to secure work experience placements and mentoring opportunities, which will undoubtedly be invaluable for their future careers. Overall, the Careers Fair was an enormous success and has set CSIA students on the path to success in their future careers.



CSIA CELEBRATES CHILDREN'S MENTAL HEALTH WEEK WITH DRESS2EXPRESS DAY

CSIA joined the nation in celebrating Children's Mental Health Week in February, and we did it in style with our Dress2Express Day! Students and staff dressed up in clothes that best represent their personalities, and the creativity was on full display.

The main hall was transformed into a dance floor during lunchtime as we hosted a Just Dance-a-thon. Students and staff danced their hearts out to their favourite tunes, all for a good cause.

To cap off the day, a cake sale was held, with proceeds going to support Place2Be. The event was a huge success, and we would like to extend our gratitude to everyone who participated and donated.

At CSIA, we understand the importance of supporting children's mental health. That's why we hosted the Dress2Express Day to raise awareness and funds for Place2Be. We encourage everyone to donate to the cause and help ensure that no child faces mental health issues alone.

Remember, you can always access support and resources for mental health in school and through our Mental Health Webpage. Let's continue to work together to promote positive mental health and wellbeing for all.



CSIA STUDENT WILL M EXCELS IN SRI LANKA AS PART OF SOMERSET CRICKET UNDER 15s

CSIA is proud to congratulate one of its students, Will M, for his recent achievements on the cricket pitch. The Year 9 student was selected to represent Somerset Cricket Under 15s in Sri Lanka, where he participated in seven matches.

Will's outstanding performance during the tour included both runs and wickets, a testament to his hard work and dedication towards the sport. The school is thrilled to see his talent and passion being recognised on an



international level, and we have no doubt that this experience will serve as a significant milestone in his cricketing journey. Will's commitment to his craft and his excellent performance in Sri Lanka serve as an inspiration to his peers at CSIA. We are excited to see what the future holds for this talented young athlete and we wish him all the best in his future endeavours. A recent update on this is that Will has just recieved a full scholarship. We wish him the best of luck moving forward!

CSIA CELEBRATES SAFER INTERNET DAY 2023

CSIA is joining thousands of organisations in the UK and worldwide to celebrate Safer Internet Day 2023. The event is coordinated by the UK Safer Internet Centre and aims to promote safe, responsible, and positive use of digital technology for children and young people.

This year's theme, "Want to talk about it? Making space for conversations about life online," encourages discussions around online activity and behaviour. As part of the celebrations, CSIA will delivered assemblies and tutorial activities to get students thinking about their online activity and behaviour.

Safer Internet Day was a great opportunity for parents and carers to focus on online safety with their children, regardless of their age. It provided a springboard for conversations that can shape how we talk about and respond to online issues, not just for one day, but throughout

Safer Internet Day 2023



the whole year.

At CSIA, we recognise the importance of promoting responsible digital citizenship and online safety. Let's work together to create a safer and more positive online community.

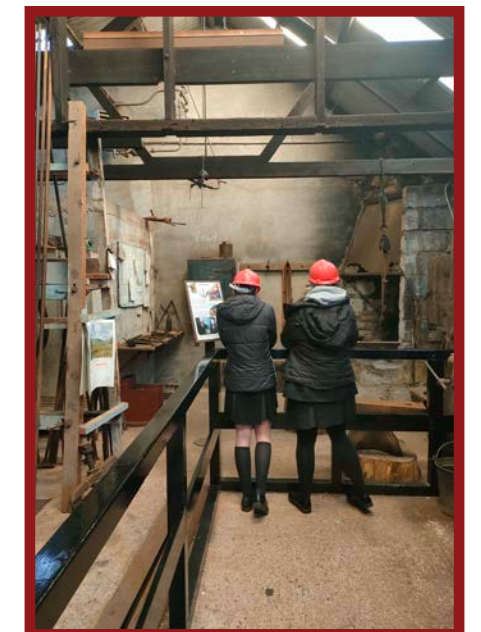
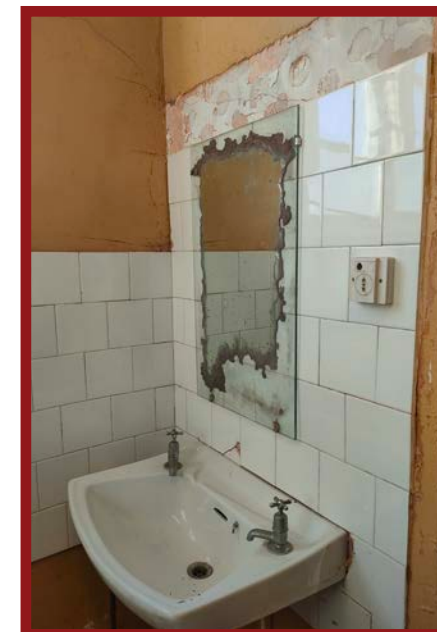
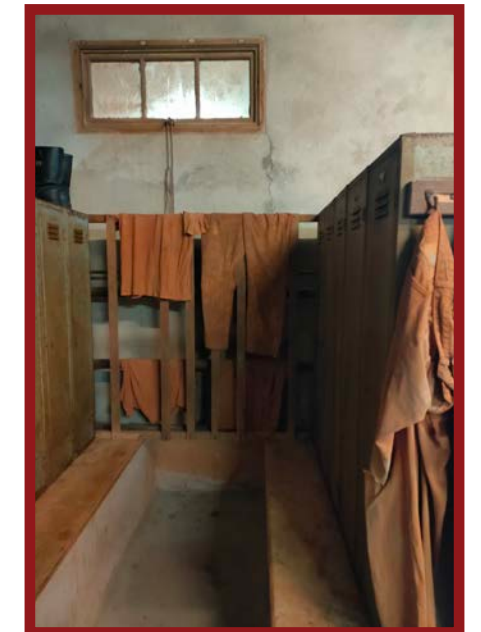
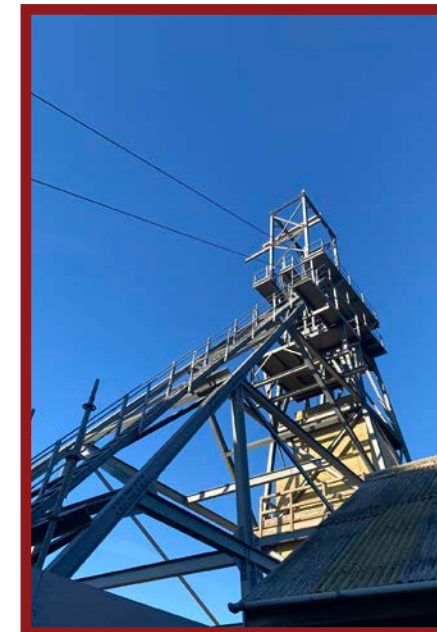
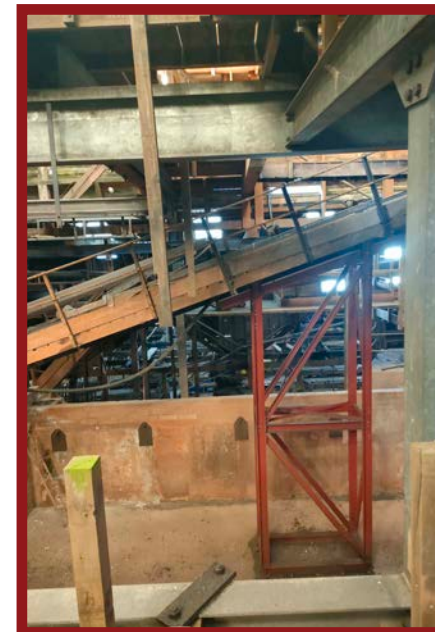
YEAR 10 PHOTOGRAPHY STUDENTS EXPLORE GEEVOR TIN MINE

In January, CSIA Year 10 photography students had a unique opportunity to visit the Geevor Tin Mine. The students were able to explore the original mine, clothes, tools, and machinery that date back to the closure of the mine in 1990. This trip gave the students a chance to experience the history of the location and connect with their personal family histories.

The students were amazed by the size of the mine and had to crouch down to fit through the small spaces. They were also fascinated by the heritage of the location and learned about its direct links to many of their personal family histories.

During the trip, the students took hundreds of photos inspired by artists Bernd & Hilla Becher, The Boyle Family, Keld Helmer-Peterson and Christian Richter. These photos will serve as the foundation for their coursework project, "Abandoned Spaces." The students will edit, print and add them to their sketchbooks when they return to class.

The trip to Geevor Tin Mine provided a unique opportunity for the photography students to explore abandoned spaces and connect with the history of the location. The experience will undoubtedly enrich their coursework project and help them develop a deeper understanding and appreciation for photography as an art form.



TEN TORS HOPEFULS ENDURE HARSH CONDITIONS IN GRUELLING TRAINING FOR 2023 CHALLENGE

The Ten Tors training at CSIA has been in full swing for the past six months, and the students have been working tirelessly towards their goal. Led by Mr Douglas and the Ten Tors staff, these students have shown an unwavering commitment to their training, which was evident during their latest training weekend on Dartmoor.

Despite the harsh weather conditions - freezing temperatures, driving winds, and constant rain - the teams returned from the weekend with smiles on their faces. This is a testament to their resilience and determination to succeed. The students were exceptional, and their efforts did not go unnoticed. Staff are incredibly proud of what they have achieved so far.

With just five weeks to go until the Ten Tors 2023, the students are now in the final stages of their preparation. The training has been gruelling, with the teams covering distances of up to 25 miles per day. However, they have remained in high spirits throughout, displaying remarkable teamwork and camaraderie.



The Ten Tors Challenge hopefuls were particularly outstanding during their latest training session. Their efforts were truly remarkable, and they have shown that they have what it takes to succeed in this challenging event. The staff who volunteered to support them deserve a special mention for their dedication and commitment.

In conclusion, the Ten Tors training has been a remarkable journey for our students, and they have shown tremendous resilience and determination throughout. We wish them all the best for the upcoming expedition.



CSIA PARTNERS WITH CORNWALL BICYCLE PROJECT FOR EXCITING LEARNING OPPORTUNITY

CSIA has recently partnered with The Cornwall Bicycle Project CIC to offer students an exciting learning opportunity. In February, students were introduced to the project, and it was the first of many sessions where they will have the chance to learn basic and advanced skills with a bike and design their own course.

This partnership with The Cornwall Bicycle Project CIC is an excellent opportunity for CSIA students to learn about cycling, bike maintenance, and design. The project aims to provide a fun, engaging, and inclusive way for young people to develop new skills and increase their confidence.

In the upcoming sessions, students will have the chance to improve their bike handling

skills and learn new techniques, such as braking, shifting gears, and cornering. They will also have the opportunity to design their own course and test their skills on it.

The students cycled on the Bissoe Trail, a beautiful trail that spans 11 miles across Cornwall. The trail is known for its stunning scenery, and it offers a safe and enjoyable cycling experience for all ages and abilities.

CSIA is proud to partner with The Cornwall Bicycle Project CIC and provide students with this fantastic opportunity. We believe that this project will help students develop new skills, improve their confidence, and foster a love for cycling that will stay with them for years to come.



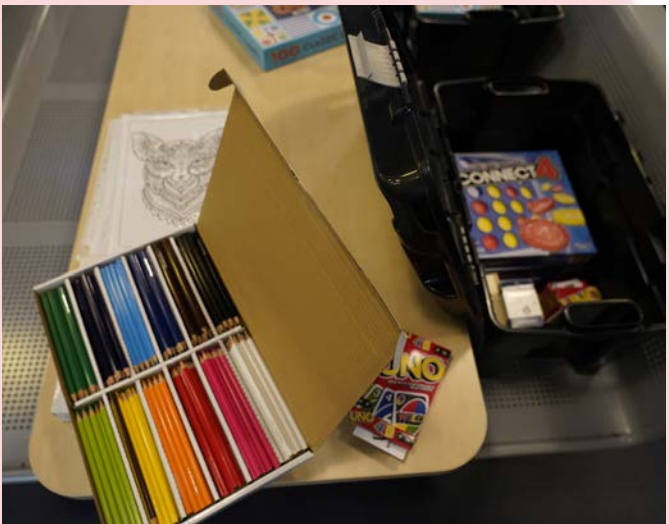
CSIA OFFERS FREE HEALTHY BREAKFAST FOR STUDENTS TO START THEIR DAY ON THE RIGHT FOOT

CSIA is committed to providing its students with every opportunity to start the day on the right foot. As a reminder, the school is offering all students the chance to enjoy a healthy breakfast in school free of charge.

The breakfast club is located in Einsteiners Canteen on the main site and N8 at Nexus, and it is open every day from 7:45am to 8:15am on the main site and 8:00am to 8:20am at Nexus. Students are expected to arrive at 7:45am on the main site and 8:00am at Nexus, where they can enjoy a drink, a bagel and some cereals.

At CSIA, we firmly believe that having a healthy breakfast at the start of the day can have a significant impact on students' readiness to learn, attendance, behaviour, punctuality and overall wellbeing. That is why we are providing this opportunity to all students and encouraging them to take advantage of it.

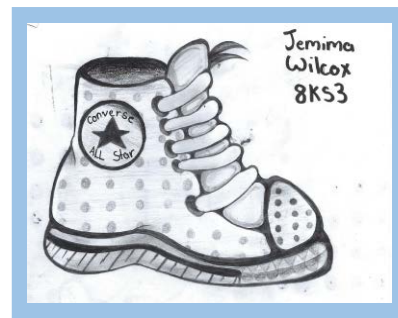
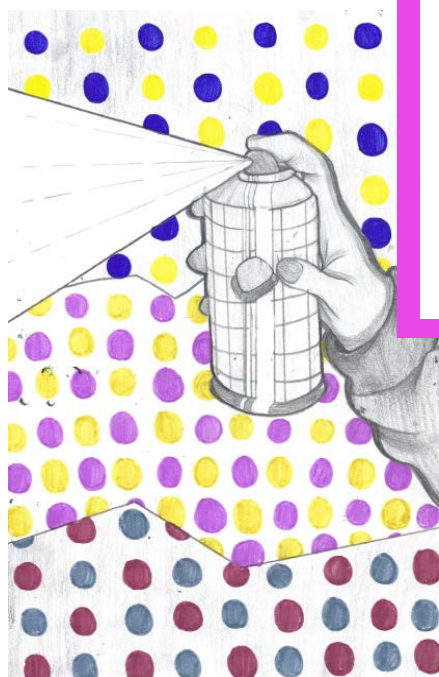
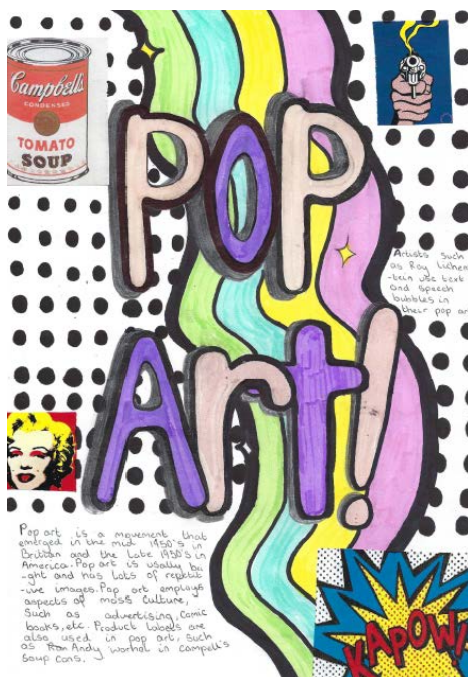
There is no need to book using a link anymore: students can simply turn up and enjoy a nutritious breakfast to start their day off right. We hope that this initiative will help our students to reach their full potential and thrive in their academic pursuits.



ARTIST OF THE MONTH JANUARY

Jemima W

YR. 8

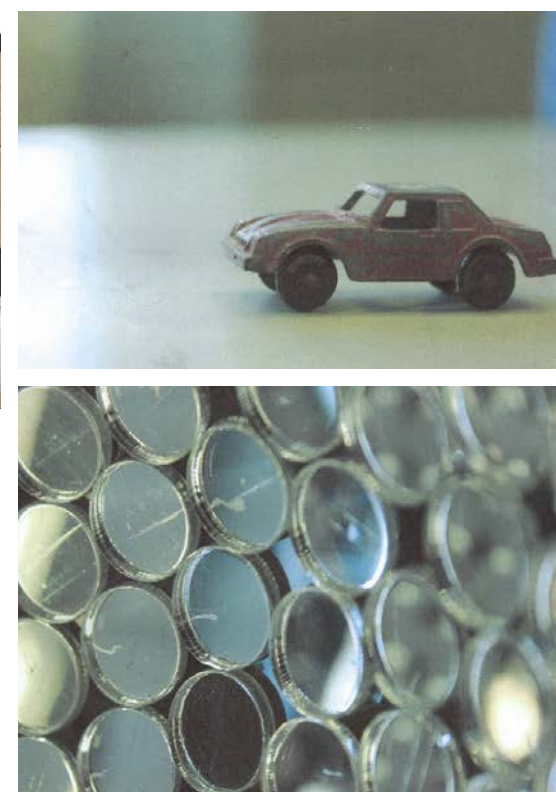


Artist of the Month

January 2023

ARTIST OF THE MONTH FEBRUARY

Elissa H



Artist of the Month

February 2023

ARTIST OF THE MONTH MARCH

Niamh G

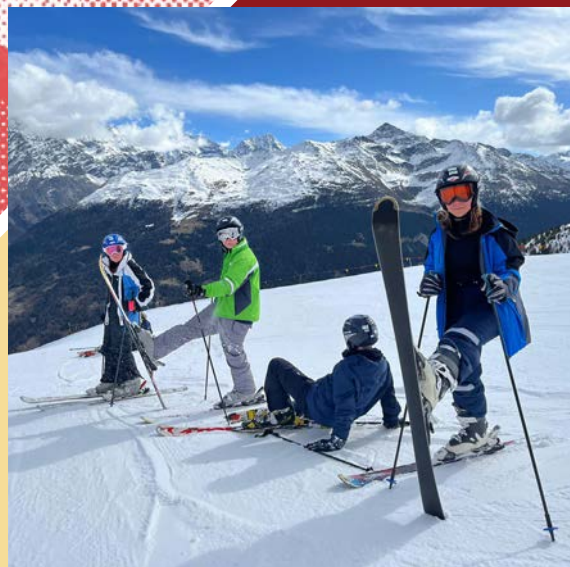
YR 10



Artist of the Month

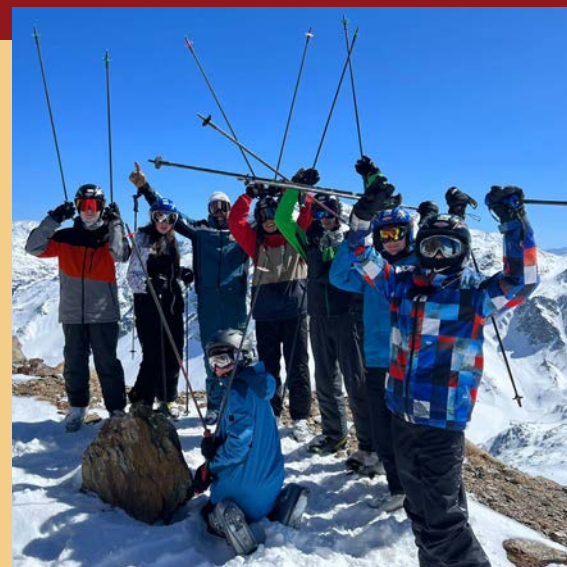
March 2023

CSIA SKI TRIP 2023: A WEEK OF THRILLS AND SPILLS IN THE SNOW!



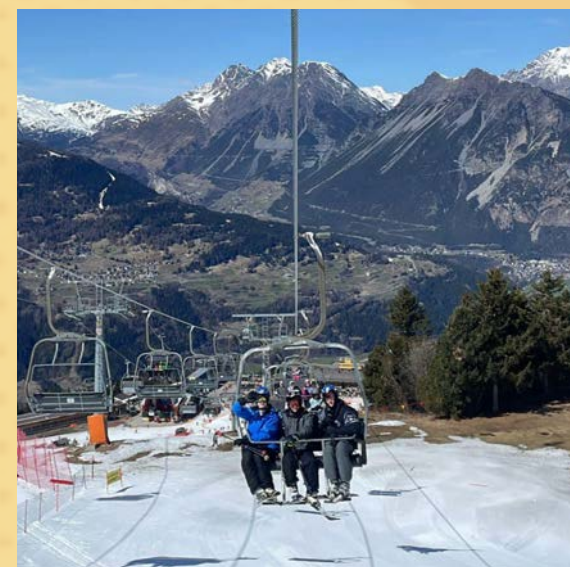
After a long and eventful journey, the trip finally made it to the snow in Bormio, Italy! Despite facing unexpected delays due to the critical incident at Dover, both coaches successfully made it to France, and all the students were safe and sound.

The students had an incredible week of learning to ski or developing their skills on the slopes. They also enjoyed a range of fun activities, including swimming in naturally heated pools, birthday cake, karaoke, quizzes, shopping and, as if it wasn't icy enough, some ice cream!



The highlight of the trip was the students' enthusiasm for skiing, with many of them taking to the slopes like naturals. The trip was not only a fun experience for the students, but it also allowed them to develop their skills and confidence in a new and challenging environment.

Overall, the Ski Trip 2023 was a resounding success, providing students with memories that will last a lifetime. Thanks go out to the teachers and staff who supported the students on this amazing trip, and to the students themselves, for their hard work and positive attitudes throughout the week.



NEXUS WELCOMES UNIVERSITY OF EXETER RESEARCH TEAM FOR SOLAR PANEL WORKSHOP

On Friday 10th March, Nexus had the opportunity to host Professor Asif Tahir and his team of researchers from the University of Exeter. The team, who are at the forefront of third-generation solar panel research, led an exciting workshop with the school's Year 10 Triple Science students.

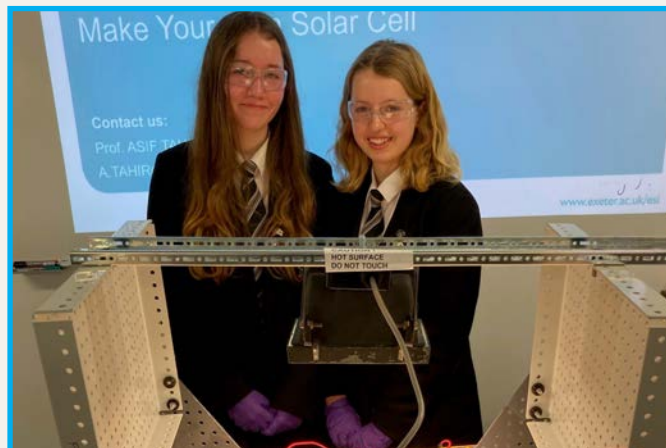
Professor Tahir, an associate professor in Renewable Energy, introduced the students to the principles behind their research and then led an experiment with them. The highlight of the day was the students making miniature solar panels using blueberry juice to generate power.

The workshop was a unique experience for the students as it allowed them to gain practical knowledge and an understanding of how solar panels work. Additionally, the opportunity to

engage with researchers who are leading the way in the field of renewable energy was incredibly inspiring.

We were so grateful to have such a knowledgeable and engaging team visit Nexus and inspire our students. The workshop was a fantastic opportunity for our Year 10 Triple Science students to gain hands-on experience and learn from experts in the field.

The visit from Professor Tahir and his team was an excellent example of how universities can work with schools to bring real-world experiences into the classroom. Nexus hopes to continue to collaborate with researchers and academics to provide students with unique learning opportunities.



NEXUS YOUTH SPEAKS TEAMS EXCEL IN ROTARY CLUB DISTRICT FINAL

Nexus school's Youth Speaks teams showcased their impressive oratory skills at the Rotary Club district final held at Bodmin College in February. The school's Year 7 and Year 8 teams secured commendable positions, with the former coming in second and the latter finishing third in the intermediate competition. Additionally, the Year 11 team clinched the third spot in the senior competition.

The competition was fiercely contested, with 12 teams from various schools in Devon and Cornwall vying for the top honours. Despite the tough competition, Nexus students rose to the occasion and delivered stellar performances, leaving an indelible mark on the audience and the judges alike.

The school is incredibly proud of the students' hard

work, dedication and outstanding performances. The team comprised Arina, Lily M, Isla, Alice, Chloe S, Saffron, Robyn, Erica-May and Lucy F, and their achievements are a testament to their skills and talent.

We are immensely proud of our Youth Speaks teams. Their exceptional performances at the district final are a testament to their hard work, dedication and talent. We extend our congratulations to all the team members and look forward to seeing them excel in the future.

The school's success in the Rotary Club district final is a reflection of its commitment to providing its students with an exceptional education, and the Youth Speaks teams' achievements are a testament to this. Congratulations to the teams once again for their fantastic performance.



NEXUS WORLD BOOK DAY CELEBRATES THE JOY OF READING

Students at Nexus school celebrated World Book Day with great enthusiasm and excitement, dressing up as their favorite characters and participating in a variety of activities. The theme for this year's celebration was "The Books that Made Us," and students were encouraged to share their love for reading.

One of the highlights of the event was the World Book Day Photo Booth, where students could take pictures with their friends and showcase their creative costumes. The photos captured the joy and excitement of the day, and students shared them on social media to spread the love of reading.

Nexus school is known for its commitment to promoting reading among students. The school regularly emphasises the importance of reading to students, both for developing their literacy skills and for fostering their character. World Book Day provided an opportunity for students to demonstrate how well they have embraced these principles.

Staff and parents were delighted to see the enthusiasm and love for reading that students demonstrated at the event. The celebration was a reminder of the importance of reading, and how it can be a source of joy and inspiration for students of all ages.

Overall, the Nexus World Book Day celebration was a resounding success, demonstrating the power of reading to bring people together and inspire creativity and imagination. The school is committed to continuing to promote reading among its students and encouraging them to embrace the joy of learning through books.

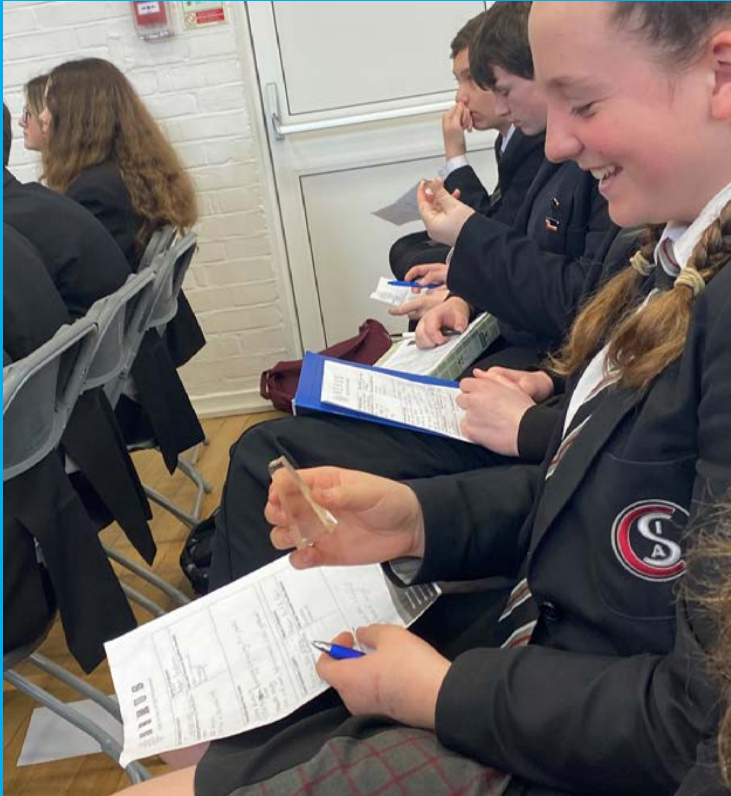


Each year, Nexus holds two Careers Weeks to provide students with the opportunity to meet employers and broaden their understanding of their future options. Prior to Easter, all of Nexus participated in a STEM careers week. Across the week, they met employers from a range of careers and were challenged to consider the opportunities that a career in STEM related fields provide.

On Monday 20th March, students met Miss Burgess, a Nuclear Safety Engineer where they were introduced to the importance of this role within a range of careers such as Defence and Energy. Students also met Mr O’Connell a Mineral Processing Engineer, where they were taught about the mining industry and how our modern lives are reliant on materials mined around the world. They were encouraged to consider ways that the mining industry could develop in the future. On Tuesday, students received a highly engaging presentation about Marine Conservation from Mrs Knights. Students learnt about the opportunities the career provides such as travelling the world to monitor whale populations and also about the importance of protecting our own marine life in the UK. On Thursday 23rd March our keen computer scientists and mathematicians were introduced to the exciting career opportunities available in the fields of Telecommunications and Cybersecurity through Ricoh and Multinational Corporation. Ricoh also provided information about the corporate world and explained the types of careers available in multinational corporations. Finally, on Friday 24th March, students learnt about careers within academia and had the privilege to listen to Professor Tahir and Professor Feldman from the University of Exeter. They learnt about the benefit of research based careers and the difference that research is making and will continue to make to our own lives.

Students found the week incredibly valuable and were all very impressed with the employers who gave their valuable time to encourage them and educate them about the opportunities available. The Nexus community is incredibly grateful to have had this opportunity.

NEXUS HOLDS STEM CAREERS WEEK TO BROADEN STUDENTS’ UNDERSTANDING OF FUTURE OPPORTUNITIES



A committed team of NEXUS students achieved first place in the regional competition of the World's largest STEM programme on Wednesday the 8th of March. Delivered in the UK by the Institution of Engineering and Technology, FIRST LEGO League is a real-world life skills programme involving robotics and coding. This year's focus was to code a solution around the theme of energy.

NEXUS students have been working in their dedicated coding lab at School to program a LEGO Education robot to interact with a series of themed LEGO models as well as researching ideas around the topic of energy, which they presented on the day to a team of industry judges.

The final was kindly hosted by RNAS Culdrose, Helston with the support of the Education Business Partnership at Cornwall Council. Year 10 Computer Science students Finley, Jethro and Lewis saw their hard work paying off as their robot completed the challenging course under the watchful eye of a team of very experienced judges. NEXUS teacher Luke Duckworth accompanied the team and said "The boys did great. The judges were really impressed with their presentation. The students were also interviewed by BBC Radio Cornwall". NEXUS Lead Practitioner Ellis Attwell said that "The Nexus program is about inspiring the brightest minds, to develop resilience and remain calm when faced with challenge. The boys exemplified these values. They are going to look at implementing their 'technical know how' to support partner primary schools over the next 12 months, with the aim being to help improve the technical skill set of Cornwall's young people, the first step in opening doors to a wide range of rewarding careers'. All the staff and students at Nexus offer a deserved well done to our team this year.

NEXUS STUDENTS WIN THE FIRST LEGO LEAGUE REGIONAL FINAL!



In March, a group of CSMS students had the opportunity to collaborate with peers from National Junior College Singapore on scientific investigations into macro algae. The students worked together to come up with ideas and plan research proposal presentations.

The collaboration was a valuable experience for the students, as they had the chance to learn from their peers and exchange ideas. It was also an opportunity for them to broaden their horizons and gain exposure to a different culture and educational system.

In addition to their research work, the students also had the opportunity to explore the beautiful sights of Singapore during their free time. The experience of traveling abroad and immersing themselves in a different culture was a valuable one that they will undoubtedly remember for years to come.

Participating in collaborations like these is an important part of a well-rounded education. It allows students to gain exposure to different perspectives and approaches, develop critical thinking skills, and build their professional networks.

The CSMS community is proud of our students for their dedication and hard work in this collaboration and looks forward to seeing the positive impact of their research in the future. We hope that their experience inspires others to pursue similar opportunities and expand their horizons.

STUDENTS COLLABORATE WITH NATIONAL JUNIOR COLLEGE SINGAPORE FOR MACRO ALGAE RESEARCH



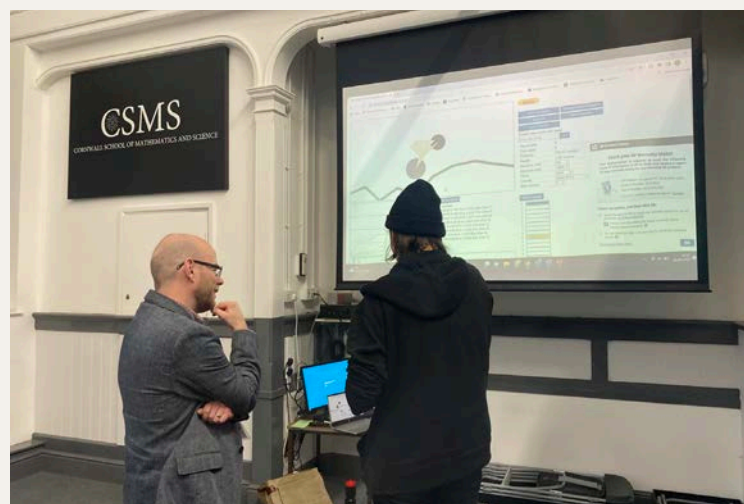
COMPUTING STUDENTS INSPIRED BY PROFESSOR KEEDWELL'S LECTURE ON AI AND SUSTAINABILITY

The students of Year 12 at CSMS were recently treated to an insightful lecture on the development of algorithms and AI systems by none other than Professor Keedwell from the prestigious Department of Computing and AI at the University of Exeter. The visit was an exciting opportunity for the students to learn from one of the leading experts in the field and gain a better understanding of the impact of these technologies on society.

During his lecture, Professor Keedwell highlighted the ways in which AI systems can be developed sustainably by drawing inspiration from nature's behaviours and problem-solving skills. The students were enthralled by his ideas and actively engaged in the discussion, asking thought-provoking questions across all areas. Their curiosity and enthusiasm were remarkable and a testament to their interest in the subject.

CSMS is committed to providing its students with opportunities to engage with experts and industry leaders, and Professor Keedwell's visit was a perfect example of this. His lecture not only provided the students with an opportunity to learn from one of the best but also gave them valuable insights into the future of computing and AI.

The success of the visit has also paved the way for future collaborations between CSMS and the computing and AI team at the University of Exeter. The school looks forward to hosting the team again later this year for more exciting and inspiring discussions.



CSMS OFFER HOLDERS DAY: YEAR 11 STUDENTS IMMERSE THEMSELVES IN THE LIFE OF A CSMS STUDENT

Year 11 students who have applied to study at CSMS were given a glimpse of what it's like to be a CSMS student during the Offer Holders day. The event was a huge success, with students being able to immerse themselves in the life of a CSMS student.

The event was designed to give students a taste of what's to come and allowed them to explore their academic interests. From taster lessons to pathway workshops, the students had a chance to discover what makes CSMS such a unique and special place to study. They also had the opportunity to meet with staff and students, ask questions and find out more about life at CSMS.

The day was a great success, and the school is already planning more events throughout the year to ensure that the incoming Year 12 students get off to a flying start. The school's commitment to providing a supportive and nurturing environment for its students was evident throughout the day, and the enthusiasm and energy of both staff and students were infectious.

CSMS is committed to ensuring that its students receive a first-class education and that they are fully prepared for life beyond school. The Offer Holders day was just one example of the school's commitment to its students, and the school looks forward to welcoming the incoming Year 12 students in the coming academic year.



We are beaming with pride as we congratulate our five students representing our school at the 2023 International Science Fair in Thailand. Not only have they been impressing judges with their research projects, but they have also been experiencing the culture of the country in their free time.

On day one, the team immediately got to work and presented their research projects to other participating schools. They demonstrated exceptional knowledge and expertise, showcasing the incredible hard work and dedication that went into their projects.

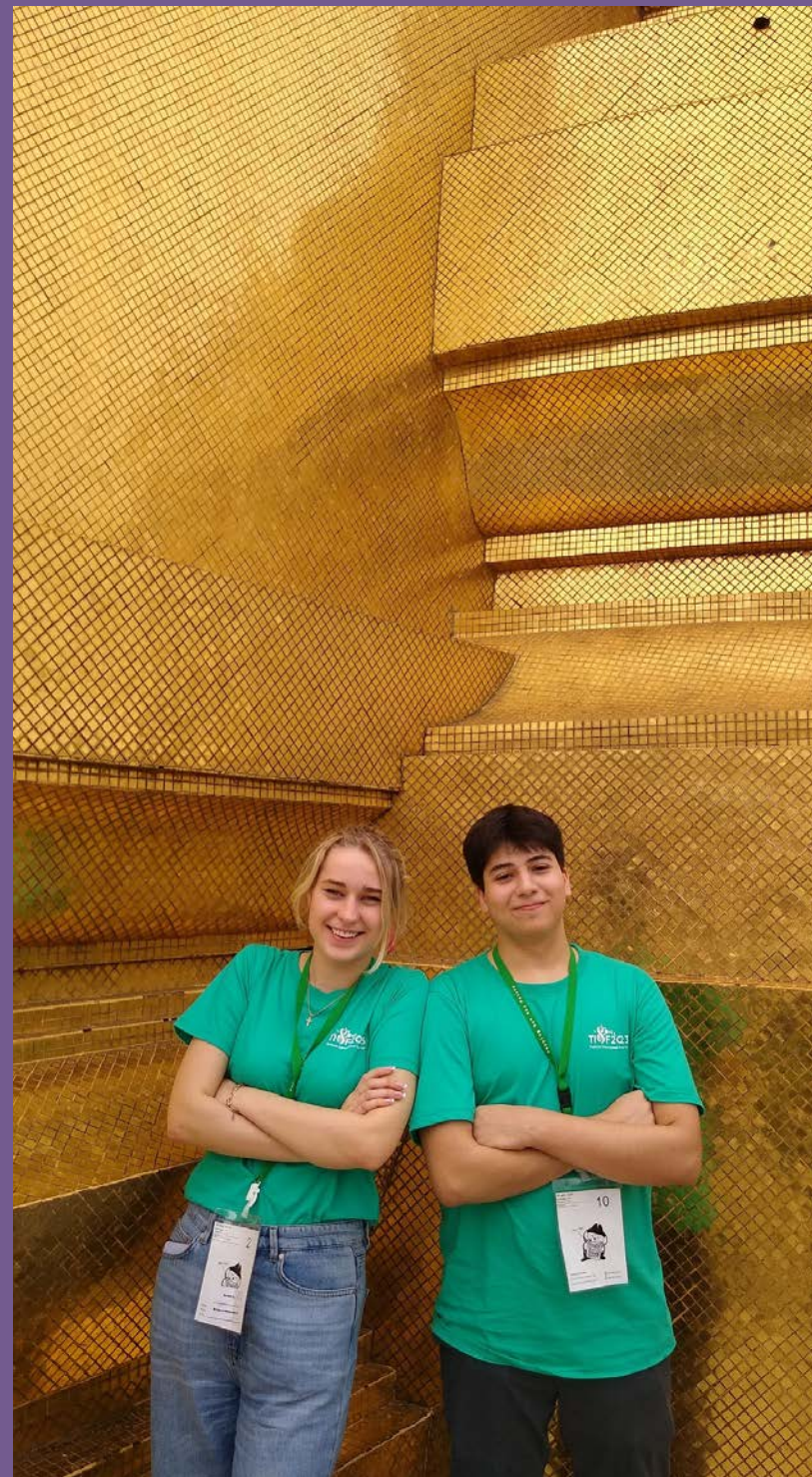
However, it was their work on eco-friendly fishing nets that won them the coveted 'Most Creative Project' award. Judges were impressed with their innovative approach to addressing environmental concerns and creating sustainable solutions.

While at the fair, the team has also been exploring Thailand, enjoying the sights, sounds, and delicious street food. They even had the chance to try on traditional clothing, immersing themselves in the local culture and making the most of their time in the country.

Participating in international events like these not only showcases the students' academic prowess but also provides them with a unique opportunity to broaden their cultural horizons, learn from their peers, and make meaningful connections with like-minded individuals.

The CSMS community applauds these talented students for their hard work, creativity, and dedication. We wish them continued success as they continue to showcase their talent and make an impact on the world.

CSMS STUDENTS SHINE AT 2023 INTERNATIONAL SCIENCE FAIR IN THAILAND



STUDENTS LEARN ABOUT THE IMPACT OF HOUSEHOLD DRUGS ON MARINE LIFE WITH DR REBEKAH BOREHAM

In February, CSMS year 12 students had the opportunity to learn about the impact of household drugs, such as paracetamol, on marine life. Dr Rebekah Boreham from the University of Exeter led the discussion, taking the students on a journey through her career path from sixth form to completing her PhD and achieving her Doctor status in science.

During the presentation, Dr Boreham explained the different routes available for pursuing research and obtaining a PhD. She then delved into the depths of her own research, detailing the intricate process of using advanced scientific technology to analyze the effects of exposing zebrafish to paracetamol. Through this research, she aims to understand how toxins can impact the

development of fish embryos and growth.

The discussion highlighted the importance of being mindful of the products we use and how they can impact the world around us. Many household drugs, such as paracetamol, can end up in our rivers and ultimately affect marine life. It is essential to understand the consequences of our actions and take steps to minimize their impact on the environment.

The CSMS community would like to thank Dr Boreham for sharing her experiences and knowledge with our students. We hope to see her back at Nexus soon, inspiring future generations to pursue careers in science and make a positive impact on the world.



STUDENTS TAKE PART IN PRESTIGIOUS SCIENCE COMPETITION IN SINGAPORE

Two students from CSMS have had the incredible opportunity to take part in one of the most prestigious science competitions in the world, hosted by Hwa Chong Institution in Singapore. Ruby M and Safiyah A were chosen to represent the school in the competition, which brings together some of the brightest minds from around the globe.

The CSMS international programme has begun in earnest this year, and the school is proud to be able to offer its students the opportunity to take part in such a prestigious event. The competition is designed to challenge and inspire students and to encourage them to pursue their interests in science and technology.

Ruby and Safiyah had the chance to present their research to Professor Hartmut Michel, who won the 1988 Nobel Prize in Chemistry for explaining the crystallization of protein membranes. It was an incredible opportunity for the students

to present their work to such a distinguished scientist, and they both did a fantastic job.

The international programme at CSMS is an essential part of the school's commitment to providing its students with a well-rounded education. The school believes that international experiences are essential for preparing students for life in an increasingly globalized world.



CSMS STUDENTS BATTLE IT OUT IN UNIVERSITY CHALLENGE STYLE COMPETITION

CSMS organized a University Challenge style competition where students from various colleges competed against each other. The quiz included questions across a range of subjects. Mr. Rees moderated the event, and St. Catherine's College Oxford emerged as the winner. The competition was tough, with strong performances from Corpus Christi College Oxford and The Open University. The event was a great success, and the organizers were praised for their excellent coordination. Congratulations to all participants, and we hope to see more events like this in the future.



EGG-CITING PUN-OFF AT VI FORM EASTER EGG DIORAMA COMPETITION

The annual VI Form Easter Egg Diorama competition was once again hotly contested this year. The dioramas were egg-cellent with extra marks awarded if we can spot the yolk – and it made us giggle; even more marks if the diorama told a cracking story; and bonus marks gifted if the tutor group was not

shell-fish and lots of students contributed. Puns were encouraged. The eventual winner was Mount VesEgg-uvious which included an actual egg-ruption however it was a close thing with competition from Juras-egg Park, Avatar, Egg and Soldiers.



VI FORMERS SET THEIR SIGHTS HIGH FOR THE FUTURE

The VI Form Academy strives to enable students to excel so that they can use their consistently outstanding results to support next steps into the world of work, apprenticeships and university. The level of support provided by the Year Team is comprehensive starting in Year 12 and continuing throughout Year 13. The tutorial program includes sessions dedicated to planning and securing post-VI Form destinations by directing students to complete research through the Unifrog platform, craft their Personal Statements and C.V.s, consider the vast range of options during PSHE days focused on careers and apprenticeships and university, and there is also the option of accessing to independent careers advice for those finding it difficult to make a decision.

Year 13 students have already secured apprenticeships and employment to start in September 2023, whilst 75% of the students have successfully applied to join

universities as near as Falmouth and Plymouth; as far afield as Salford and Swansea and Birmingham; and as prestigious as Oxford and Exeter and Bristol.

We were delighted to see the VI Form Centre filled to the brim with parents, carers, and students for the Student Finance Information Event at the start of March between 6pm and 7pm. The session was led by Mr Ross, and supported by Exeter University's Pete Offord, and detailed the financial support provided by Student Finance England, universities, and charities to enable students to fund the next stage of their academic pathway. The session also walked through the application process for Student Finance England which can appear daunting at first glance. Mr Ross said "I am absolutely delighted to see the enthusiasm of the students as they complete their studies and look forward to the next stage of their lives. A big thank you to all the parents and carers for their support!"



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