



*Learning to be Extraordinary*

Hands on! Students on an international exchange in Thailand learning how to cultivate rice fields



**CAMBORNE SCIENCE & INTERNATIONAL ACADEMY**

One of Cornwall's Most Consistently High Performing State Secondary Schools

# COMMUNITY NEWSLETTER

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**AN INDEPENDENT STATE ACADEMY**



# PRESENTATION EVENING 2019

**CSIA celebrated the success and talents of its A-Level and GCSE students at the annual Presentation Evening on Wednesday 18th December 2019 with over 400 guests, students, teachers and parents in attendance.**

The evening was an enjoyable and memorable occasion where awards were presented for A-Level and GCSE performance in the full range of subjects as well as best overall performance.

The Richard Bath Trophy for Outstanding Academic Achievement at A-Level was presented to Matthew B. There were also

awards for the VI Form Head Boy/Head Girl, Deputies and Management Team from last year and Maya M. Jools C. Emily M. Umut Y. Iona B. Kira O. Phoebe H. Samuel N. Matthew A. P. and Kayleigh W. were all thanked for their contribution to the success of the VI Form that went far beyond the expected.

The Stone Computer Award was presented to Cameron C. for his original solutions and flair in computing. The CSIA Outdoor Education Award was presented to Taylor S. for being the first ever CSIA student to complete “The Double” of Ten Tors (55 mile team) and Duke of Edinburgh Gold.

This year 15 awards were presented by governors Mr Tim Johns, Mr John Weedon, Mrs Nicki Burgess, Mrs Trish

Knights, Mrs Naomi Dower, Mrs Clare Harvey and Mr Andrew Wetherelt. Eloise G, Corey W, accompanied by Joshua P. and Naomi A. entertained all present with their exceptional musical performances of ‘Hometown Glory’ by Adele, ‘O Holy Night’ by Adolphe Adam, and ‘I’m Not the Only One’ by Sam Smith.

Principal, Ian Kenworthy spoke of his pride and privilege at leading such an outstanding school. He congratulated the students on their excellent summer examination results both at A Level and at GCSE. He was particularly proud of Camborne Science and International Academy maintaining its position as one of the highest performing schools in Cornwall.



Naomi J.



Sophie M.



Taylor S.



Molly C.



Katie S.



Adam L.



Jools C. Peter D. Ailsa D. Joe E. and Olivia F. receiving their A-Level certificates



Jacob M.



Bethany L.



Ailsa D.



# Lewis Signs Professional Contract

Lewis G, a former pupil at CSIA, has recently been awarded a professional cricket contract with Somerset.

In addition, Lewis continues to represent England at U/19 level with a tour to the West Indies upcoming over the winter. Lewis will be looking to impress to confirm his selection for the U/19 World Cup held in South Africa in the New Year.

The U/19 World Cup will give Lewis another opportunity to excel on the worldwide scale, with all matches being shown on Sky television. Lewis recently visited CSIA to update the school with his progress and share his ambitions in regards to his future career.

Mr Simmonds shared, "It was lovely to catch up with Lewis again and to hear about his incredible achievements to date. Lewis gave me a great insight into life on tour with the England set-up and we will be keeping in touch over

the coming weeks to ensure we track his career path. Lewis has an incredibly demanding schedule ahead of him over the coming months, but I have every confidence he has both the mental and physical attributes to succeed as a professional."

All staff and students wish Lewis well over the coming months and are extremely proud of what he has achieved.



Mr Simmonds congratulates Lewis

# Congratulations Emily S Year 7

Emily has won the coveted Roy Crosley Award for an actor under the age of 18 from the Cornwall Drama Association.

Emily is the first person to have ever won this award twice. Well done to her for all her efforts - including a role as Ariel in the Little Mermaid.

# European Space Agency Conference

Two students from CSMS have become the first ever school students to present a paper at the Symposium on Space Educational Activities, sponsored by the European Space Agency and hosted by the University of Leicester.

The symposium is held annually and provides an international stage for university students and academics to discuss current and future Space Educational Activities in Europe and beyond. Alfie B and Sarah P, both in Year 13 at CSMS, were invited to present their work on tracking glacial melting using satellite images after they won awards at the Asia and Pacific Conference for Young Scientists in Thailand last year. "The conference has been a really unique



experience for our students," said Dr Nick Gower, Lead on Research at CSIA. "We are honoured to be the first school group to be invited to present at the symposium. Our students have shared a stage with world experts and have discussed their research with industry leaders."

The project was piloted by The Institute of Research in Schools (IRIS), with whom CSIA is fortunate to share strong links.

"In the past year, we have had students working on a number of IRIS projects, covering everything from particle physics to genetics," said Dr Gower. "These projects are one of the many ways that students are able to engage with university-level research." Alfie and Sarah's presentation was so well received that they won a special commendation from the symposium organisers "in recognition of [their] outstanding oral presentation".



# We Have Lift Off!

The CCF (RAF) CSIA Squadron are now on parade.

We currently parade with up to twenty-five cadets, led by three adult volunteers from CSIA staff and assisted by a School Staff Instructor (SSI) Sgt. Dave Harnett. We have also received assistance from experienced members of 730 (City of Truro) Air Training Corps (ATC) and advice and good wishes from 77 (Redruth) ATC and 147 (Camborne and District) ATC. The cadets are all volunteers and are a very healthy mix of all abilities within CSIA ranging from Year 8 to Year 11. We are currently 50:50 males and females.

The best Recruiting Sergeant so far has proved to be our students' grandparents, with many cadets reciting experiences in a range of



Developing skills on the digital flight simulator

fixed-wing and rotary aircraft, spanning several eras of aviation history.

The RAF has given the Squadron a storage container and this is rapidly becoming a hub of activity. Each cadet

has been issued with combat clothing and beret for their recruit training phase. Also, each student proudly wears an RAF cap badge. Students will wear their uniform to school each Parade Day, further raising the profile of the CCF and showcasing our budding professionalism. In week one, students received lessons on shaping a beret, ironing uniform, and polishing boots, all to military standards. Where appropriate, the school has supported some students with the cost of the uniform.

All recruits follow a basic syllabus covering: history and knowledge of the RAF; drill (to encourage teamwork!); dress and discipline; map reading and airmanship. Each cadet must pass a practical and a theory test to progress to the next training phase - The First Class Cadet. In this next phase, cadets will also study expedition training and basic radio communications. Our cadets have already enjoyed flying on a simulator, with many cadets achieving ratings of over 80% for take-off and landing. It won't be long before we are in the air for real!

The CSIA Squadron is still recruiting. Anyone is welcome to join us, but don't delay... "Double March!"



Collecting combat clothing



Camborne Science and International Academy is proud to be hosting another programme of inspirational Super Saturday Workshops for Gifted and Talented Year 5 and 6 students. The workshops all run from 9.30am to 12pm.

## Spring Term Programme

8th February  
Art: Waste Not Want Not

29th February  
Maths: Incredible Depths

14th March  
History Special: Medieval Medicine



Please go to our website for more details.

If you would like to book a place, please fill in a booking form on our website or email [supersaturdays@cambornescience.co.uk](mailto:supersaturdays@cambornescience.co.uk)



CAMBORNE SCIENCE & INTERNATIONAL ACADEMY





# More Fantastic Super Saturday Events

## Maths and English: Codebreaking

With the sound track to **Pirates of the Caribbean** playing in the background, Year 6 students from our partner primary schools were introduced to the challenge ahead.

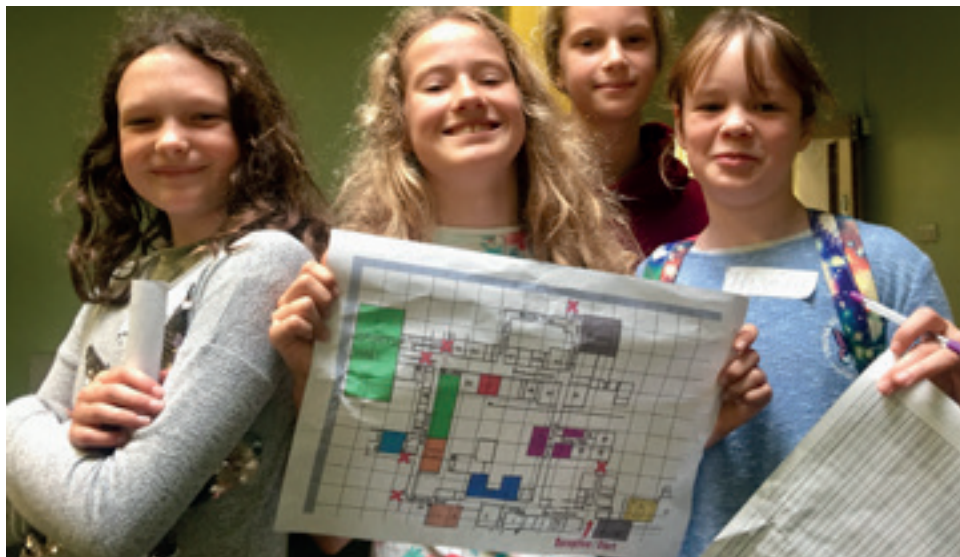
In small teams and armed only with a map of the school and some cryptic clues, the students had to navigate the corridors and rooms answering mathematical problems they found along their way. The solutions to these problems gave them clues that would help them crack the pass code and unlock a treasure chest.

With great excitement and after an exhausting two hours the first team approached the treasure chest confident that they had cracked the code. They dialled in the numbers, click, the lock opened! Treasure? Prizes? In the bottom of the chest lay a tatty old envelope containing scraps of paper.

A second challenge!

The scraps of paper contained magic keywords and persuasive devices which had to be used to convince the 'Keeper of the Prizes', Mr Oates, that they were worthy of the prizes. Teams quickly set about constructing their persuasive letters using alliteration, triplets and some very abstract code words!

A thoroughly enjoyable morning was had by all and we are certainly looking forward to meeting these code-breaking marvels in Year 7!



## Maths: Ama-gon

The Amazon is one of the most important resources on our planet.

It creates around 20% of the Earth's oxygen and is home to countless species of animals, insects and birds. However, it is disappearing fast! Just how fast was the question posed to our most recent Super Saturday contingent.

Students split the amazon rainforest up into sections and worked out the area of each section using their new knowledge of polygons. They compared the amount of rainforest being lost to familiar places like the UK, Cornwall and Camborne. Did you know that an area of forest as large as 1500 Cornwalls is lost every year?

The session finished with the students offering suggestions on how they could make small alterations to their everyday habits in order to have less of an impact on the planet. All students went away armed with facts about the Amazon and a focus on ensuring they do their bit to keep our planet as healthy as possible.

## Geography: The Amazon Geo-Hunt

Students arrived at school and after a fun ice-breaker, were given iPads as their navigational tools.

Using QR codes, their mission was to discover the delights of the Amazon region. In small teams and with the aid of Year 8 and 9 helpers, students toured around the school looking for the codes. Using the power of technology, each QR code linked to an activity that was used to educate, inform and inspire. The activities ranged from discovering how many species live in the Amazon

to why these species were locally and globally important. One of the tasks included sketching some of the incredible animals that live in the rainforest. Another activity that was particularly valuable was thinking about how we are all linked to the Amazon rainforest and the various ways that each individual can help to preserve its beauty and importance. All of the students involved had a truly inspirational morning discovering the wonders of the Amazing Amazon.





## Amazing Experiments from the Primary School Explorer Dome

CSIA recently held the annual Explorer Dome workshops for students in Year 6 in our local primary schools.

The workshops saw over 370 primary students witness amazing experiments and activities that brought together all of the knowledge needed to explain states of matter.

The workshop included explanations of how matter changes from one state to another. Dry ice was used to show sublimation and students were amazed to see balloons collapse as the gas inside condensed into liquid and then re-inflate as the liquid evaporated. Students' heads were literally in the clouds when Charlie the presenter mixed dry ice with hot water, producing mesmerising clouds which each student got to experience as it was poured over their heads.

Liquid nitrogen was used to demonstrate how objects can change state, or even develop different properties within each state, just by changing the arrangement of the particles. This was demonstrated by freezing a banana with liquid nitrogen and then using this to hammer an actual nail into wood! Of course the students were then both horrified and excited to see Charlie eat the banana after it had defrosted!

We would like to thank Charlie from Bristol Explorer Dome and all of the primary schools for two fantastic days.



A chemical reaction glows with heat



Dry ice producing clouds

## Royal Academy of Dance Summer School Scholarship

Hi, I'm Jess, a Year 13 student studying Geography, Dance, and Media at The VI Form Academy.

Ever since I was a little girl I have wanted to become a ballet teacher and I am hoping for a place at the Royal Academy to complete a BA Hons in Ballet Education degree. Going to the Royal Academy has always been my dream because it is so prestigious and I have been looking at ways to maximise my UCAS application.

The VI Form Academy has a fantastic and unique Scholarship Programme. It is designed to encourage students like me to independently find opportunities that will support progression after A-levels. I was delighted that the reward for my written application was



a significant contribution towards the costs of a Summer School placement at the Royal Academy in 2019.

I spent the first week of August in London at the Royal Academy of Dance. This experience was honestly one of the best of my life! I learnt so many skills during the week-long intensive training and instruction in ballet, contemporary dance, ballet repertoire, and West End Shows. I made many friends and contacts within the industry which I suspect will help me in my future career.

Since returning to VI Form after my placement, I am incredibly pleased to have been offered a place at the Royal Academy of Dance.

I'd like to say a big thanks to the VI Form Academy for your continued support.





## Success for Year 10 Duke of Edinburgh Students

**Only two weeks after returning from the summer break our Year 10 DofE students were preparing to complete their Bronze award by taking on a hike around The Lizard Peninsula over two days.**

8 teams made up from 50 students took on the weekend which involved navigating and camping with limited support from staff.

Mr Douglas commented, "With so many students participating in this expedition it comes as no surprise that a few teams became 'temporarily displaced' at times! This is all part of the learning process and helps develop key skills. Overall the teams performed incredibly well despite warm

temperatures making for a sweaty few days."

On Sunday afternoon, CSIA staff presented badges to all 50 successful students in front of many proud parents and carers to mark the end of the year-long Bronze journey. For some however this was just the first milestone with the Silver Award firmly in their sights...

Only three weeks after the Bronze assessment, 42 students laced up their boots for a second time to take on the Silver Practice expedition around Land's End.

"DofE levels are progressive to enable a smooth journey for those wanting to collect all three badges. One of the biggest steps along this journey is from Bronze to Silver as suddenly the

importance of food and equipment becomes clear. Those students who think carefully about nutrition and keeping equipment dry and orderly will generally thrive over those who don't," said Mr Douglas.

Despite the tail end of hurricane Lorenzo bringing some rain and high winds, the students all completed their routes ahead of schedule and can now look forward to a rest over the winter season before taking on their assessment in June.

"I would like to offer a huge well done to the students completing expeditions so far this year and express an even bigger "Thank You" to the staff who volunteer their weekends to ensure our students are able to experience these fantastic events," commented Mr Douglas.





Yellow team at Land's End



Yellow team on a subtropical trail



Blue team in the sub-tropical St Loy Valley



The DofE bronze programme boy's group at Godfry Cove



The DofE bronze programme girl's team Porthoustock beach





A moody ascent to St Michaels Mount

## CSIA Welcomes Dutch Students for Cornish Adventures

**Last October, CSIA hosted twenty students and two staff from Tilburg, Holland.**

The new Geography-based exchange is aimed at Year 9 GCSE students and is designed to improve the geographical knowledge of both students from CSIA, as well as our visitors.

It proved to be an incredibly worthwhile trip and it was a privilege to welcome our Dutch friends to Cornwall to showcase what a beautiful part of the world we live in.

All the students who took part in this exchange will complete a return visit to Tilburg in the south of Holland in March.

The CSIA students are already very excited about the return trip, where they will be staying with local families and will learn all about how Dutch students go about their daily lives. This is invaluable for broadening our students' horizons and helping them to become open-minded young people with global perspectives.

Whilst in Cornwall, Dutch students and their buddies from CSIA completed a project and presentation on coastlines, visited Marazion and St Michael's Mount, and spent many fun-filled days with their host families.

"We would like to say a huge thank you to our families who all went out of their way to show our visitors our

amazing county and the everyday lives of a Cornish family. The Geography department and the International Team at CSIA are extremely proud of the students who took part in this first leg of the exchange and are very much looking forward to the return journey to Holland," commented Miss Finn.

CSIA's International Programme offers a combination of exchanges and collaborations, with visits to various countries including America, Singapore, Australia, Japan and Thailand to name just a few.



Beach profile measuring on Godrevy Beach



Students from both Camborne and St Odolphus Lyceum Tilburg, enjoying the Cornish coast



## Advanced Research in Singapore

**Last September, six students from CSMS went to Singapore to work collaboratively with students from the National Junior College on Scientific and Mathematical research projects.**

Molly C and Tristan S D, two of our Further Mathematicians, worked on designing and creating a mathematical model to predict evapotranspiration of plants in order to reduce water consumption and improve efficiency of water usage.

Mindy B and Kezia M, two of our Biologists, were studying possible applications of phytoremediation to decontaminate polluted water and soil.

Chloe V and Naomi J, Physicists, carried out an astrophysics analysis on possible targets for the James Webb telescope, contributing to their 2020 launch.

The week consisted of writing university style literature reviews, carrying out practical investigations in the NJC Sigma Laboratory and delivering their findings in academic presentations to specialist lecturers in their respective fields.

As well as conducting research projects, CSMS students benefited from exploring the city of Singapore and experienced life as a local, living alongside their Singaporean research partners. Evenings and weekends were used to visit the wondrous sites Singapore has to offer: botanical gardens, Spectra water and light show, Sentosa Island, Gardens by the Bay.

Students also experienced the diversity of religion and culture in Singapore when visiting areas such as Little India, China Town and Kampong Glam. CSMS students were made to feel at home and welcomed by their hosts, developing strong and lasting friendships, "We were laughing over lunch in no time," says Tristan, whilst Mindy's hosts messaged, "It has been a pleasure to have you stay at our home during the last 10 days...You have become like a part of our family."

"I had such a great time in Singapore, I cannot wait to reciprocate their hospitality and kindness," says Molly. CSMS students are looking forward to returning the hospitality in November, when students of NJC will visit Camborne in order to continue and finalise their research.



CSMS students in the Flower Dome at Gardens by the Bay, Singapore



CSMS students representing the UK in Singapore



Mindy and Kezia checking on their plants in the hydroponics lab



# The Canadian Bioinnovation Programme

## Three students from CSIA have had the opportunity to attend a Bioinnovation Programme in Winnipeg, Canada.

Our trip was shared with the Australian School of Maths and Science alongside schools within the Pembina Trails School Division in Winnipeg, Canada. The programme was hosted at Kelburn Farm, with guest speakers from Nutrients for Life, The University of Manitoba and world-renowned agricultural experts. Students attended workshops exploring: healthy ponds, biodiversity, soil and water testing for nutrient load, climate change monitoring and sustainable farming. "Working in groups, students collaborated to develop a critical awareness of how innovation in land use practices impact sustainable food and water issues," explained Miss Quinn, English and Media Teacher at CSIA.

Miss Quinn added: "Once students had attended all workshops, they had the collaborative task of developing an environmental farm land use plan based on evidence that they had learned over the course of the programme, keeping in mind our social responsibility to provide for food/water securities for all communities. Students then presented their farm land plans to an impressively high standard, which demonstrated their understanding and commitment to the task".

CSIA student, Amber explained: "Our bioinnovation programme taught us about the importance of sustainable farming and how the growth of crops can both benefit and hinder our environment. Our eyes were also opened to how the production of cattle and the release of methane gas can affect the climate that we live in today.



Students recording their thoughts on their findings at the Museum of Human Rights

It was refreshing to see how many companies are using sustainable beef, but there is still considerable room for improvement. This trip has made us recognise how essential it is for us to unite as one and take full responsibility for climate change and ensuring a sustainable future for our planet".

CSIA student, Will added: "Additionally, our eyes have been opened to the importance of equality; it was really interesting to see how the consequences of battling against each other have affected history, instead of uniting us as one".

In addition to the workshops at Kelburn Farm, students were also taken to the Canadian Museum of Human Rights: "The Human Rights Museum gave us an insight into how society and human rights have developed throughout history and their importance in this day and age," added fellow student Esmé.

As well as the bioinnovation programme, students were housed with Canadian host families who offered superb and memorable cultural experiences: "Living with a homestay family was a great insight into seeing

how families and high school students in Canada spend their days. Most interestingly, we enjoyed shadowing our host buddies and immersing ourselves within a Canadian High School. As well as experiencing this, it was enjoyable to taste new foods, such as Poutine and Holopchi!" explained Esmé.

Will added: "A Canadian highlight was the snow! We experienced a foot of snowfall over 24 hours, which we had all never seen before, as it is such a

rarity in Cornwall. I also hosted my buddy when he came to England, so I enjoyed experiencing his home in return."

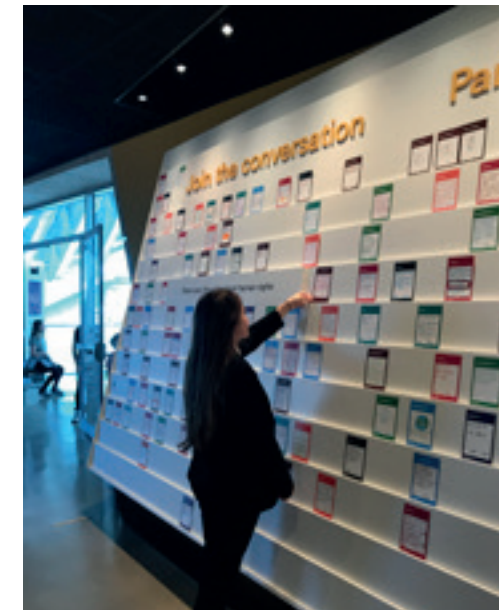
"While in Canada, we had the opportunity to experience Canadian culture, as well as the local delicacies and classic cuisines. We also loved involving ourselves in Canadian sports, in particular the Winnipeg Jets who are at the forefront of all Winnipeggers' lives," explained Amber.



Students undertaking a soil experiment



Students ready and raring to go to Kelburn Farm for Bioinnovation



Students adding their ideas to the reflection wall

Miss Quinn stated: "It was so noticeable how much the students had flourished in confidence and maturity over the course of the trip; it was both educationally and socially beneficial and they all represented CSIA admirably." Esmé explained: "This was my first international trip and I would encourage other students to get involved with the international programme because not only has our knowledge of science and agriculture been enhanced, it also allowed each one of us individually to develop our confidence, independence and social awareness."





# The RSC's Taming of the Shrew Screening

The RSC offers a fresh perspective on this controversial play to our students.

CSIA and Nexus students from Years 9 and 10 attended a very special screening of The Royal Shakespeare Company's production of The Taming of the Shrew. With access to exclusive behind the stage footage and interviews with the main characters and director, the students were able to witness a Shakespeare play come alive on the stage. In this production, the RSC turns Shakespeare's fierce, energetic comedy of gender and materialism on its head by making this society a matriarchy instead of a patriarchy. This version of the play explores a world in which women ruled and men submitted to authority. This provides a fresh perspective on its portrayal of hierarchy and power.

In addition to the screening, our students were invited to attend a workshop in which the themes of the play were explored and links were made to the wider historical and social context. Students were encouraged to make links between this play and other Shakespearean plays. They were also encouraged to engage in some dramatic readings of the play and create their own perspective on the action!

Students engaged enthusiastically with both the screening and the workshop and it was a delight to see them revelling in the language, drama and energy of Shakespeare's works.



## I am who I am

Recently I was in London and met a friend of mine who I had studied with many years ago. We went for a walk around the Piccadilly area which is a very nice part of the West End. We went to get a coffee in a lovely department store and the waitress asked me where I was from, I said London and she looked confused and said, "Are you sure?" I said, "Yes!" My friend informed me that when I was talking to her I had referred to London as, "Up Country!" The next day I went to see my sister and her twins who will soon be two, and the little boy greeted me by saying, "Allo Mate!" I told my sister that we need to make sure that he doesn't begin to sound like an Eastender. Our accents and the way we speak link us to the communities we come from.

None of us really know what the future holds for us, all we can do is try and make sure that we give ourselves the best chance of being ready for it. I have sat many exams in my life and passed many of them and although they were important, I am who I am, mainly because of my family and my friends.

Life always moves on and whilst I was walking through London, I realised that this was no longer my home. At this moment in time Cornwall is my home. It is a strange feeling to be in a place where you were born and grew up and yet, deep down, know it is no longer where you belong. The future may always seem exciting or worrying, but we can shape it a little by making the most of the present and trying to make good decisions.

Every time I get to see my niece and nephew, I am surprised by how much they have grown. I am learning to treasure every second I get to spend with them. Let us never take for granted how important every day is. When we have a bad day, let us ask for help or work harder to make sure the following day is better. When we have a good day, let us enjoy it.

May we always be proud of the communities and people who have helped to shape us and will continue to shape the amazing people that we are.

Father Anthony





# Co-Curricular at Nexus - Semester 1

This academic year has seen a significant change in the co-curricular offer at Nexus. Students are enrolling on a 9 week block four times a year, which is run in line with the semesters at school.

For semester 1, on a Monday, the students have begun their comprehensive development programme. Students have participated in a series of lectures by the Seal Sanctuary and Professor Paul Russell. As well as this, the students have either started their 10 week block on first aid or their Enquires Based Project where they are learning about the research model as well being given their 'Mission to Mars'.

On a Tuesday, Wednesday and Thursday, there are a variety of activities for the students to sign up to. These range from Strategic Chess League in association with Cornwall Chess, to Camborne Theatre Company in partnership with the Royal Shakespeare Company, to Dragons Den, to Leadership Opportunities with STEM Primary, to Bronze Crest Award, to Robotics, to Electronics and much, much more.

The students have thoroughly enjoyed their semester 1 activities. Parents and students have both commented on the fantastic offering which is at Nexus for the students.

The semester 2 activities are currently being planned and students will be signing up to these in the near future. Please visit the Nexus website where you will find the most up to date list of activities as well as pictures and write ups from the students.



## Semester 1 Co-Curricular Activities

### MONDAY

Academic Lectures and Programme; First Aid, Skills Development and Enquires Based Project.

### TUESDAY

Strategic Chess League in association with Cornwall Chess  
Camborne Theatre Company in partnership with the Royal Shakespeare Company  
Dragons Den  
Sport Clubs  
Mandarin - Week B only  
Marine Biology Research Project in collaboration with Shaftesbury High School, Canada  
Compulsory Science (Year 9 only)  
Beginners Philosophy Club  
RAF Combined Cadet Force (Application Process)  
Leadership Opportunities with STEM Primary Workshops  
Mock Trials  
Homework Club

### WEDNESDAY

Bronze Crest Award  
STEM Leadership  
D of E Bronze Award  
Electronics  
Compulsory Science (Year 10 only)  
Robotics  
Youth Speaks  
Astronomy  
Sports Club  
Eco - Committee  
Homework Club

### THURSDAY

Fencing  
Green Power in partnership with RNAS Culdrose  
Book Club - Kyber Youth Books  
Logic Games  
Astrophotography  
Mandarin Week A only  
Marine Biology and Environmental Science in Association with Beach Rangers  
Further Maths Qualification  
Ten Tors  
Sports Clubs  
Homework Club



## Careers Networking Events

**As part of our ongoing commitment to ensuring that our children have access to the most up-to-date information regarding careers, we have launched our Careers Seminars which run throughout the year.**

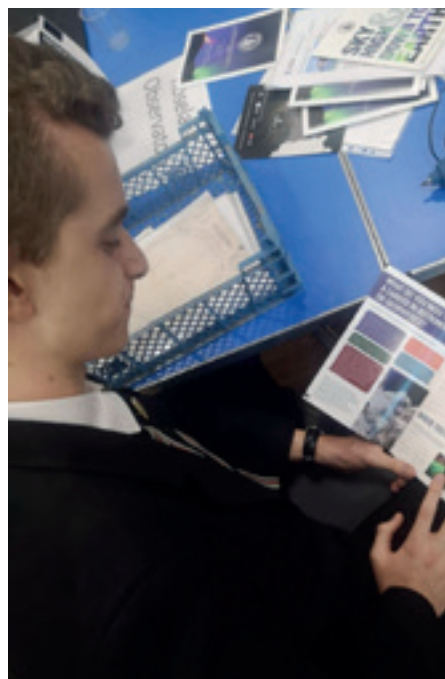
So far this year we have hosted employers and charities for Volunteering and Kindness, Medical Futures, Space and Aerospace.

These events have been well received by students who have been able to sit down and talk to employers about careers in that field. They have discussed: opportunities, careers that they may not have considered, qualifications and skills needed, work experience placements and the local labour market. Emma J shared at the medical event that it was really helpful in affirming her ambitions beyond VI Form and university.

Levi P was able to establish further links with St John's Ambulance; Amber T made many links to explore as part of her career ambitions which she intends to use to build up her CV to show a variety of experiences for future university applications. Dylan F-S shared that the space event was perfect as he got to explore everything that he was interested in, including investigating potential work experience placements.

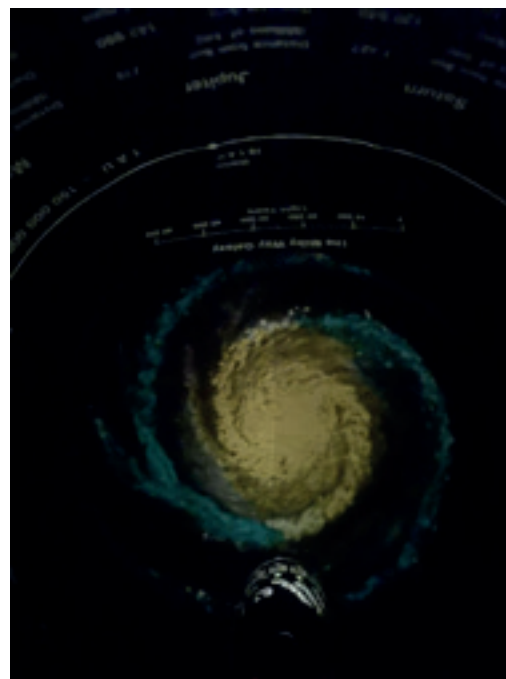
Our thanks must go to Cornwall Care, Barncoose Hospital, Mr Rotman (Senior Intensive Care Nurse), Claire Parker-Billinge – Midwife, Sophie Beaumont – GP, St Johns Ambulance – including Alumnus Jay Fox; YZup, Avanti Communication, Spaceport Cornwall, Roseland Observatory, Dr

Karen Sumser-Lupson – Pendarves Estate, Cornwall Seal Group, National Citizenship Service, Cornwall College, Cornwall Air Ambulance, 4 Elementz Media – including Alumnus Kelly Thorne.



Our future events and themes are detailed on our Facebook page.

Please contact Mrs Gellatly on [gellatlys@cambornescience.co.uk](mailto:gellatlys@cambornescience.co.uk) for further details.



## A Midsummer Night's Dream

**Our Nexus Year 7 students had the exciting opportunity to watch a live screening of A Midsummer Night's Dream at Redruth cinema in October 2019.**

With over 40 students attending, Camborne Science and International Academy packed out an entire screen and immersed themselves in a dream world of flying fairies, contagious fogs and moonlight revels.

Year 7 students have been studying Shakespeare's funniest and most complicated love story that explores the notion that "The course of true

love never did run smooth"; the trip was designed to enhance students' understanding of the play. In its original performance in the 1600s, A Midsummer Night's Dream was presented in daylight and with limited props and staging. This production, in 2019, was a visual spectacle with silk trapeze artists, raucous music and rising bedsteads as the stage became an immersive forest. The play also added more twists and turns by switching the roles of Titania and Oberon, reflecting the added complexity of twenty-first century relationships.

The response from students was overwhelmingly positive and it was a pleasure to see students responding

with delight to the humour of the play. As one Year 7 student commented, "It was so funny and I loved seeing the scenes we have studied being acted out on the stage". Students particularly enjoyed the presentation of the 'Rude Mechanicals', who inspired much hilarity. The play was a celebration of all that is joyous about a Shakespeare comedy and gave students a valuable insight into the continued relevance of the bard in today's society.





# Students Visit Magnificent Thailand

In November, six of our students and two staff travelled nearly 7,500 miles around the world to Mahidol Wittayanusorn School in Thailand, as part of our international school exchange programme.

Students arrived to the school on Halloween. Despite it not being widely celebrated in Thailand, the host school put on an excellent Halloween themed welcome assembly. Our students and staff dressed up and took part in an outfit competition, followed by Halloween games led by the Thai students. They had clearly put outstanding efforts into their costumes for us.

Over the course of the ten days, students took part in lessons around the school, such as Chemistry, Thai Boxing, traditional Art and an introduction to the Thai language, of course! The students even helped out in an English language class.

As well as learning many new things in school, the students went on a wide variety of day trips to see and learn about Thailand and the rich history and culture. One of the first visits was to the most famous attraction in Bangkok, The Grand Palace. This was the students' first insight into just how magnificent the palaces and temples around Thailand are. They learnt all about the uses of the palace and enjoyed the 35 degree heat.

The students went to other famous places, like Wat Pho, the temple of the reclining Buddha, where they were given a tour by an Ex Monk who could tell them all about the history of the site. The students also visited three museums taking them through key parts of Thai history and culture which



James, Amber, Sophie, Ben and Jess enjoying a boat ride among thousands of lilies and lotus flowers

has shaped the country it is today. On the weekend the host families led a weekend full of action, including a trip to a huge theme park with a 'winter wonderland' section where the students could go sledging.

One of the best new experiences had by all had to be the traditional Thai massage! Students got to go to the University of Traditional Thai Medicine and try it out first hand. They soon realised it was not for the ticklish! After an action packed visit there were some tearful goodbyes.

The students were all extremely sad to leave their new friends, but all agreed they have had the best time and have

made memories they will remember forever.

"I've made a friend for life, even though she lives on the other side of the world we will stay in touch," said Amber.

"It was the most incredible trip; we did so much. The students got a real flavour for Thai life and culture. One of the best bits was definitely the cooking class; the students made a delicious Pad Thai!" said Miss Ormerod.

"I think it's one of the best things I've done in my life so far," said Lily.



Cultivating the rice paddy field



Students in front of the Golden Buddha



Fun in the museum



Processing the grains



## Eco-Committee Youth Parliament Meeting

**On 18th October representatives of the Eco-Committee attended a Youth Conference at County Hall. The students discussed a variety of challenging topics, including mental health and drug awareness.**

The day began with a talk from Delia of The Cornish Plastics Pollution Coalition, an organisation consisting of over 50 marine conservation groups, environmental groups and science experts in Cornwall. Effects of plastic pollution around the Cornish coast were discussed, as well as the wider impact

across the planet. There was a fantastic enthusiasm from the CSIA students on this topic who didn't hesitate to get involved when Delia needed volunteers.

Another presentation was delivered by the Invictus Trust. The charity aims to support and offer services to local teenagers who are suffering from mental health and associated issues. While the topics covered by the Invictus Trust, such as teen suicide, were incredibly challenging, they were thought provoking and every student there was engaged with the presentation and answered questions openly and honestly.

Lastly, speakers from Addaction, a

national charity providing drug and alcohol services to adults and young people, gave a lively and engaging presentation on drug awareness. This was again a challenging topic that CSIA students revelled in. Their willingness to answer questions and openness to learning was impressive – with several people commenting on their maturity throughout the day.

All of the CSIA students were extremely positive about their day and represented the school in such a positive light in all areas. The students are looking to feedback information to their peers via the tutorial programme to ensure all CSIA students gain the benefits from this trip.



## Health & Social Care Students Visit Plymouth University

**Health and Social Care and Biology students had the fantastic opportunity to attend a health showcase at Plymouth University recently.**

It was designed to give aspiring health professionals an overview of courses and careers available to them at Plymouth University.

The day allowed students to explore various careers through interactive activities and discussion with university lecturers, university students and a number of health professions.

Careers being showcased included Medicine, Occupational Therapy, Mental Health Nursing, Cardiology, Ophthalmology, Dentistry and Paramedic Science.

Students were able to ask questions and gain a valuable insight into the individual courses, academic requirements, as well as personal qualities needed for each career.





# PSHE Day – Preparing for our Futures

**Our first PSHE Day of the year was a roaring success with students engaged in a variety of activities around the school.**

Year 7 concentrated on the development of relationships between people (LGBTQ rights) and treating one another with respect and tolerance as part of our studies of British Values. Year 8 looked at stereotyping, fake news and how discrimination can impact how people are treated within society, and the laws to protect us from discrimination. They also met a student from the University of Bath who shared her experiences and how opportunities at university can enhance social and employment opportunities.

Year 9 had a day focussed on sex and relationships education (SRE). They approached the day with gusto and maturity. Lots of insightful questions were asked and they delved into what makes a successful healthy relationship. Year 10 also met with the University of Bath, and Next Steps South West – the aim of their day was to focus on their future careers and upcoming work experience. Some students had the opportunity within their NSSW session to engage in conversation with Alumnus Georgia Palmer who is currently studying for her English degree.

Students were exceptional ambassadors for the school meeting a variety of local STEM employers, including Alumnus Jack Lord, who joined us from Pendennis Shipyard, with students networking to develop links with employers for their work experience placements and future work shadowing opportunities.

Year 11 had a particularly valuable experience as they were able to have a

taste of what it would be like studying choices at Post 16. Students particularly enjoyed dissection in A-Level Biology, and debating philosophical questions using a train track in Religion and Philosophy! Year 12s and 13s were based at Nexus for the day, and they had interactive sessions with Next Steps South West, the University of Bath, and an alcohol and drug advisor.

democracy and develop critical thinking skills.

The final event of the day was a parents evening and workshop. The University of Bath led a session on life at university; preparing a good personal statement and debunked any myths about financing your child's place at university. So many parents were relieved to hear that the cost is minimal



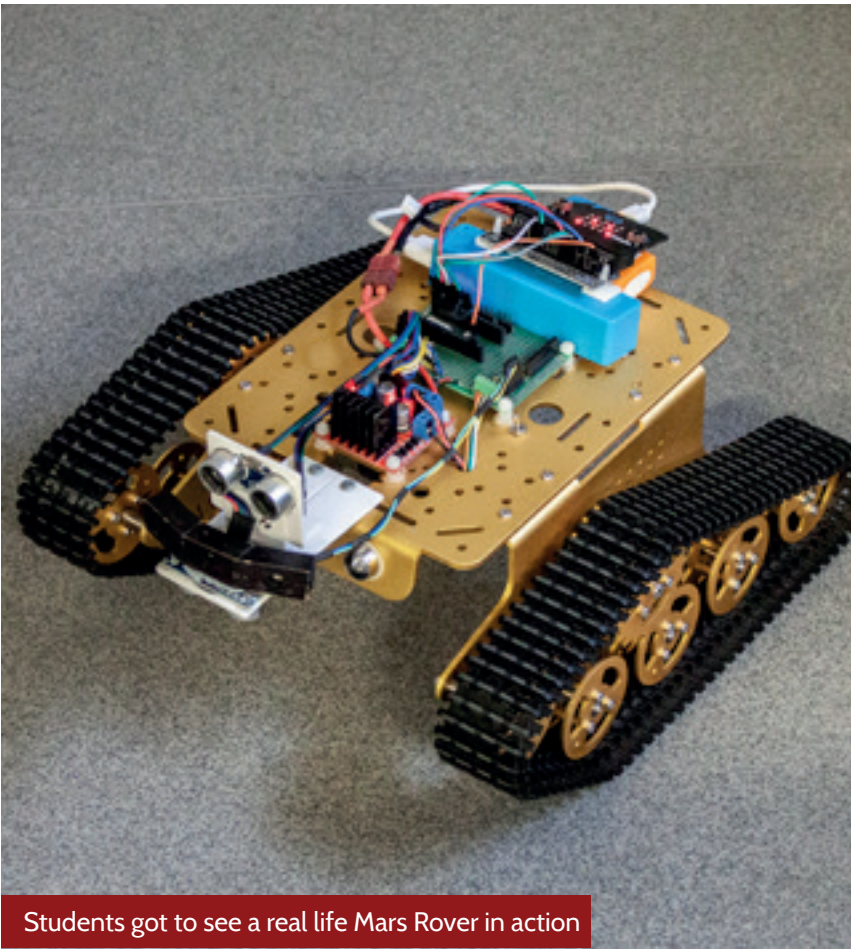
Dissection of locusts

All students embraced a session on the general election, which formed the starting point of our upcoming study on our country's current affairs and prepared us for our very own election. It is important to us that we are not politically biased and encourage our students to embrace the value of

and how loans and grants are calculated making university affordable for everyone. Next Steps South West also ran a workshop on using Careerpilot, which is a website we are using with our students to support careers guidance.



Hair and Beauty taster session



Students got to see a real life Mars Rover in action



Students taking part in an animal conservation workshop





Alumnus Jack Lord, representing Pendennis Shipyard with our STEM employers



Students take a closer look at their red blood cells



Students compete in a chemical reaction race



Product Design taster session



University of Bath presentation about attending university



## From Camborne to Japan

### Three VI Form students from CSIA travelled to Ritsumeikan High School, in Kyoto, Japan for the Rits Super Global Forum 2019.

This event is a humanities conference that allows students from different countries all over the world to come together to learn through cross-cultural activities to find future-oriented solutions to current global issues. The theme for this year's RSGF was "Towards a Better World: Reducing Problems Related to Plastic Waste"

More than 8 million tonnes of plastic are dumped into the oceans every year which is killing more than 1.1 million seabirds and animals. With this in mind, the students aimed to work together to create solutions to this world wide problem.

In preparation for this event, students researched the problems relating to plastic waste and created research posters to take to the conference to share with students from other schools.

The topic areas included production, distribution, consumption, disposal and movement of waste. CSIA students created five research posters that discussed the issues and suggested different strategies to overcome these problems.

These posters were then presented and discussed before the students were split into multi cultural groups to work together to create their solutions. During the conference, the students also took a field trip to a local recycling centre, as well as hearing a keynote speech from a world leading expert in the field of zero waste, Akira Sakano.

Although the main aim of the event was looking at plastic waste, the students also had plenty of opportunities to learn about other cultures as well. Each school presented information about their school on the first day and shared cultural performances at the end of the conference, encouraging others to come and join in the traditional dances and musical performances from their home nations. Everyone also had opportunities to experience traditional

Japanese cultural activities such as calligraphy and trying on Kimonos worn during Japanese ceremonies.

The group also had opportunities to explore Kyoto City and Arashiyama, visiting local temples and other important sights during their stay. A highlight was the traditional boat cruise through the mountains into Arashiyama ending in a visit to "Monkey Mountain."

CSIA students stayed with students from Ritsumeikan High School throughout their time in Japan and have made lots of new friends both from Japan and many other countries.

At the closing ceremony, Asia comments, "My friends who came with me feel that Ritsumeikan made such a friendly welcoming environment for all of us. The forum was such an amazing thing and I think we should be all proud of ourselves for the environment we have made here, and for the changes that we hopefully can make in the future through the connections we've made. Thank you."

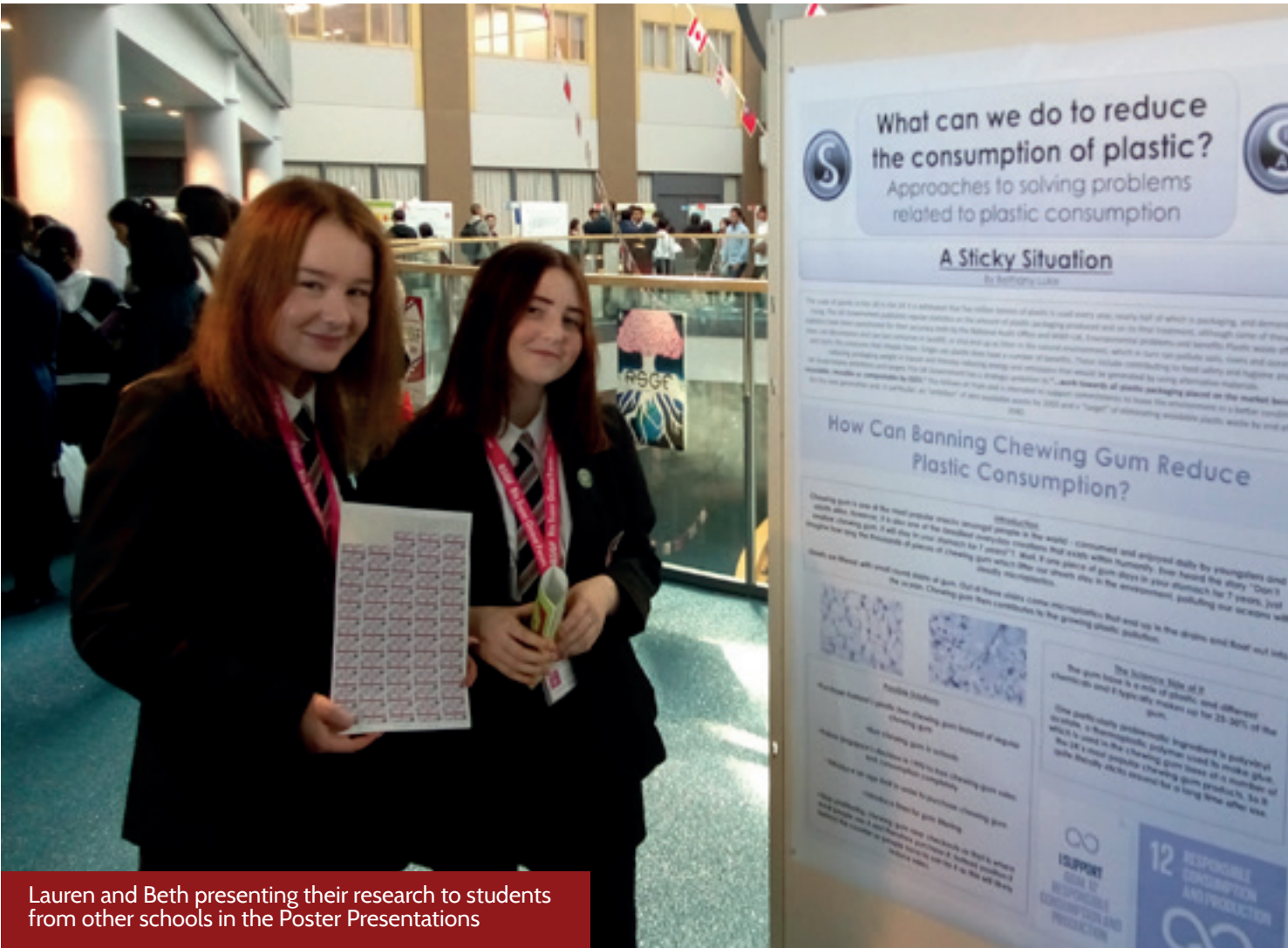


The team giving a presentation about our school at the conference

One of the many opportunities to explore local temples in Kyoto







Lauren and Beth presenting their research to students from other schools in the Poster Presentations



Asia giving her thank you speech at the RSGF Closing Ceremony



Lauren learning how to write her name in traditional Japanese calligraphy



Beth making an Eco Bag out of a recycled t-shirt





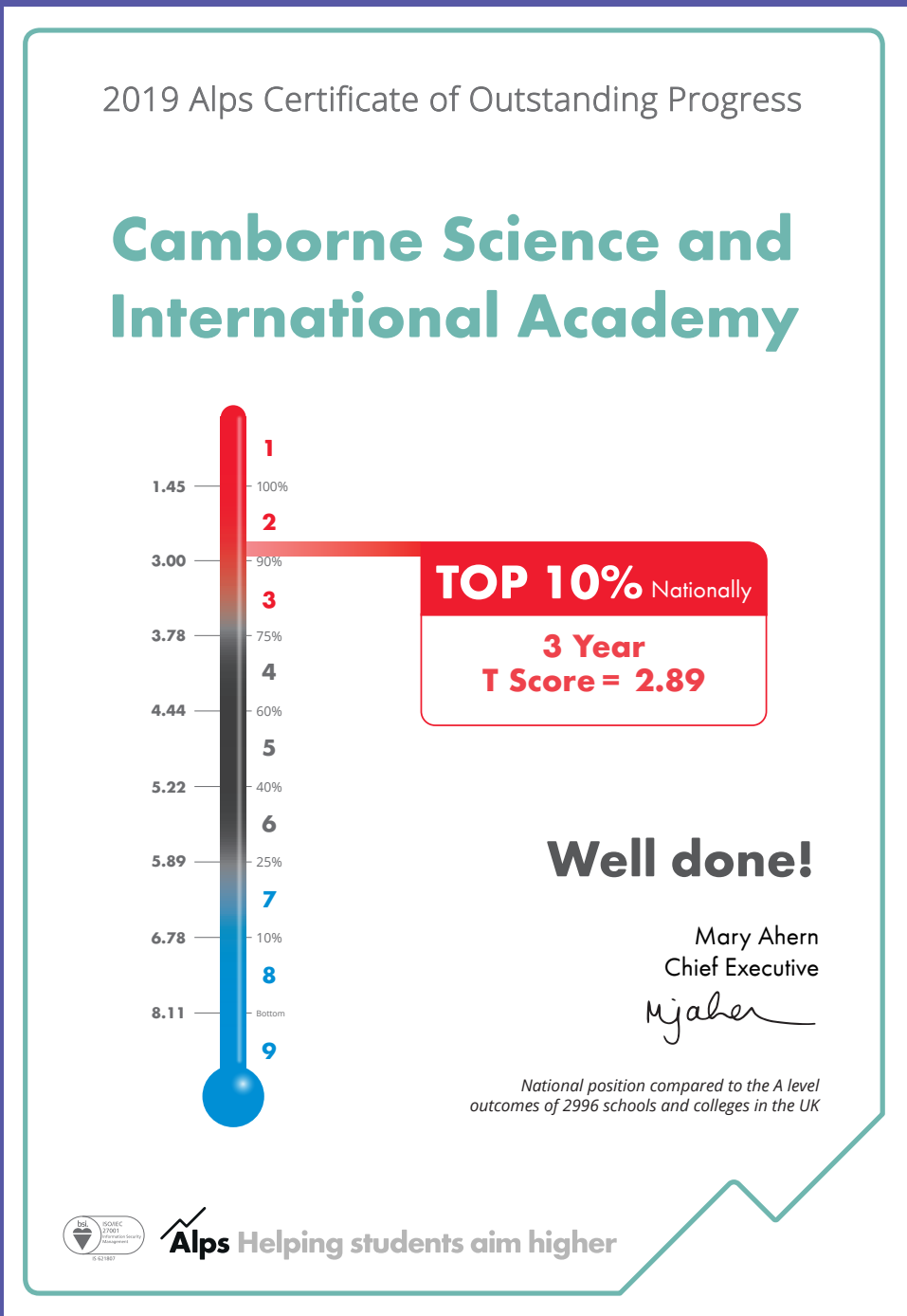
# The VI Form Academy recognised for 'Outstanding Progress'

The VI Form Academy has been celebrating after being awarded a Certificate of Outstanding Progress. This certificate recognises that the progress students made at A-level over the last 3 years places The VI Form Academy in the top 10% of schools and colleges in the UK.

The certificate has been awarded by ALPS, a national education organisation which uses national data sets to measure A-level performance, as well as set aspirational targets for students.

This award is an endorsement of not only the dedication and aspirations of the students, but also the effective nature of The VI Form Academy which provides a great learning environment, supportive pastoral care, and broad enrichment opportunities to ensure our young people have the very best start in life so that their aspirations can become reality.

Year 13 students are now starting to prepare in earnest for the summer exams, encouraged by university offers and an assurance that their peers have achieved so highly over the last several years.



## Aiming for Oxbridge

Year 12 students considering making an application to either Oxford or Cambridge visited Truro school to hear Stephanie Hale, Access and Outreach Officer at the University of Oxford, speak on the admissions process for Oxbridge.

Exeter College has historic links to Devon, Cornwall and Somerset through

its founders and early history. Further along in the application process Year 13 students attended the Oxbridge Tea, a cooperative between local schools designed to give students mock interview experiences in preparation for a real interview.

CSIA brought our very own Oxbridge alumni Mr Chapman and Mr Blackwell as well as Dr Gower, Mr Rees and Ms Perry to provide specialist interview preparation to students from all over Cornwall including Liskeard School, Launceston College, Truro

High School, Helston Community College, Budehaven School, Bodmin College, Saltash School and Newquay Tretherras. The students then split off in accordance with their chosen degree, including seven of our own applicants.

Students praised the event for the realistic but challenging experience. All applicants are now continuing to prepare for their real interviews; all the Cambridge applicants have now received interview dates for December and January.



Inside the grounds of Oxford University



# Collaborative Chemistry at Bristol University

VI Form Academy students have been working on a collaborative chemistry project with researchers at the University of Bristol.

The project is funded by a Royal Society Partnership grant and aims to explore the chemistry of some of the most ubiquitous flavour compounds in use in the food industry.

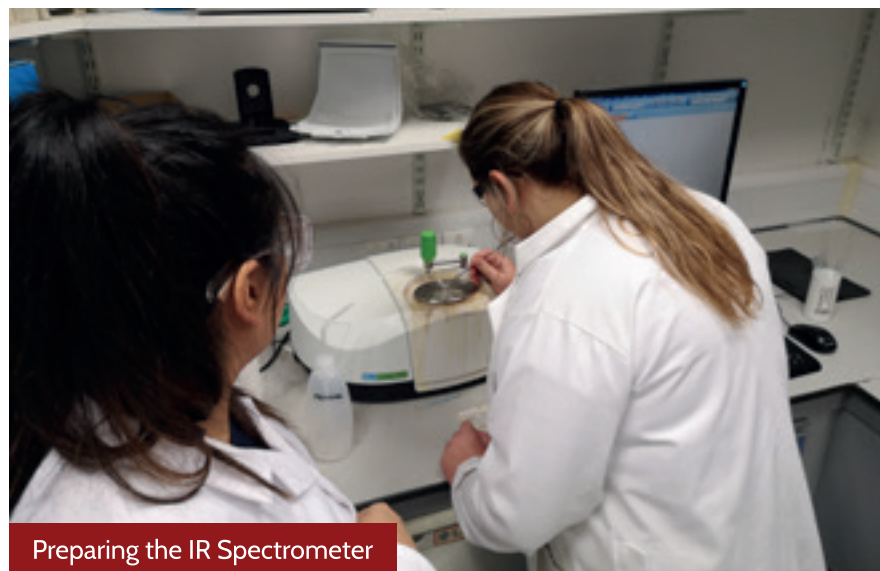
The latest stage of the project saw a team of four CSMS students take samples they had prepared to Bristol for analysis. The students spent the day in the School of Chemistry's analytical labs, under the supervision of PhD students in the group of Professor Robin Bedford. Students also had a chance to share their work with Professor Bedford and discuss future directions to take the project.

"It's been fun to meet the students and to see the work they've been doing," said Sanita Tailor, a 3rd year PhD student in the Bedford Group.

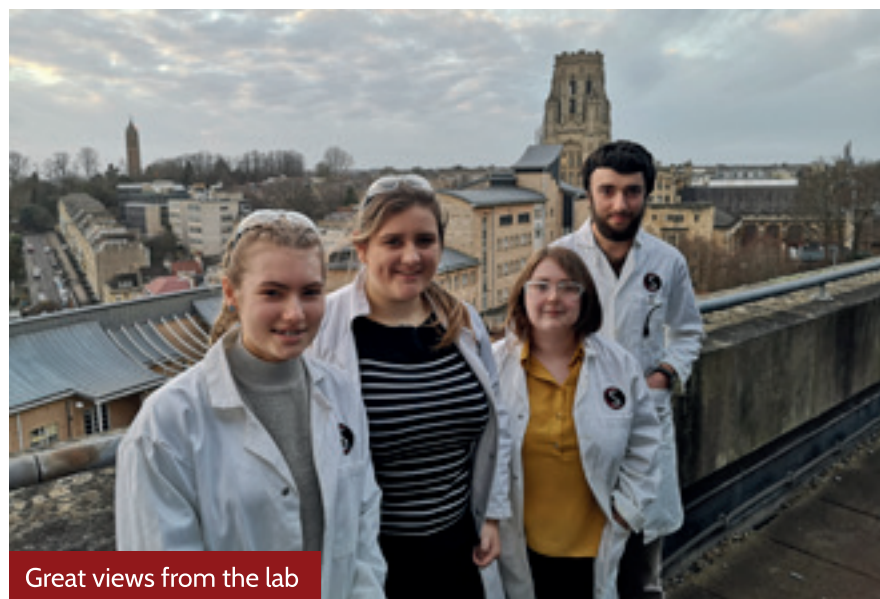
The students completed analyses using Nuclear Magnetic Resonance (NMR) and infrared (IR) spectrometers as well as gas chromatography-mass spectrometry (GC-MS). Their targets were vanillin and capsaicin, the compounds responsible for the sweet taste of vanilla and the spiciness of chillies, respectively.

"It has been really inspiring to bring students to a world-class research facility and to show them the kind of instrumentation that is used by professional researchers," said Dr Gower, who has been leading the project. "Our collaboration with the Bedford Group has enabled us to study chemistry at a depth that is not normally available to school students".

The collaboration will continue to run and will be presented by the students at the Royal Institute in London in July 2020.



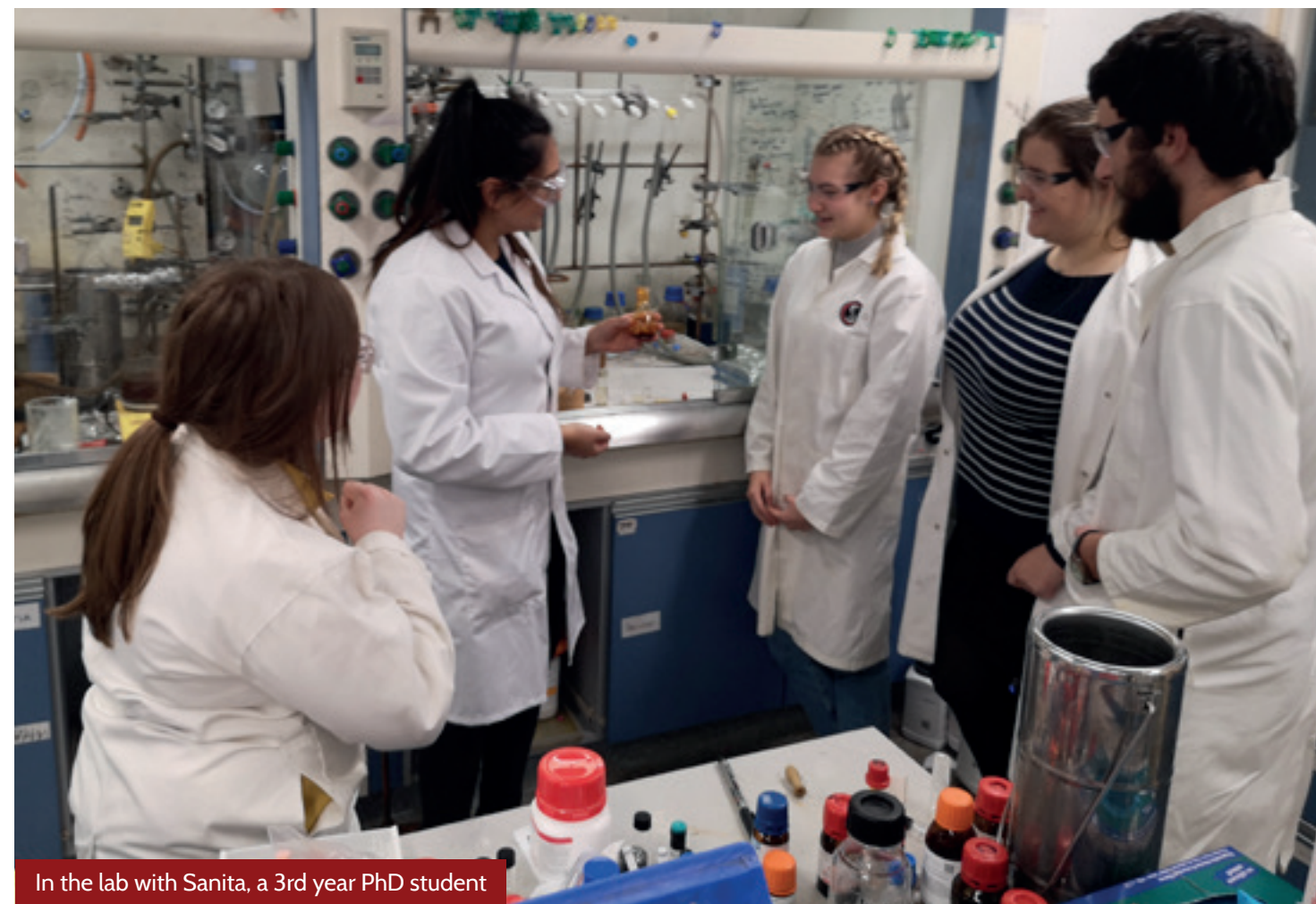
Preparing the IR Spectrometer



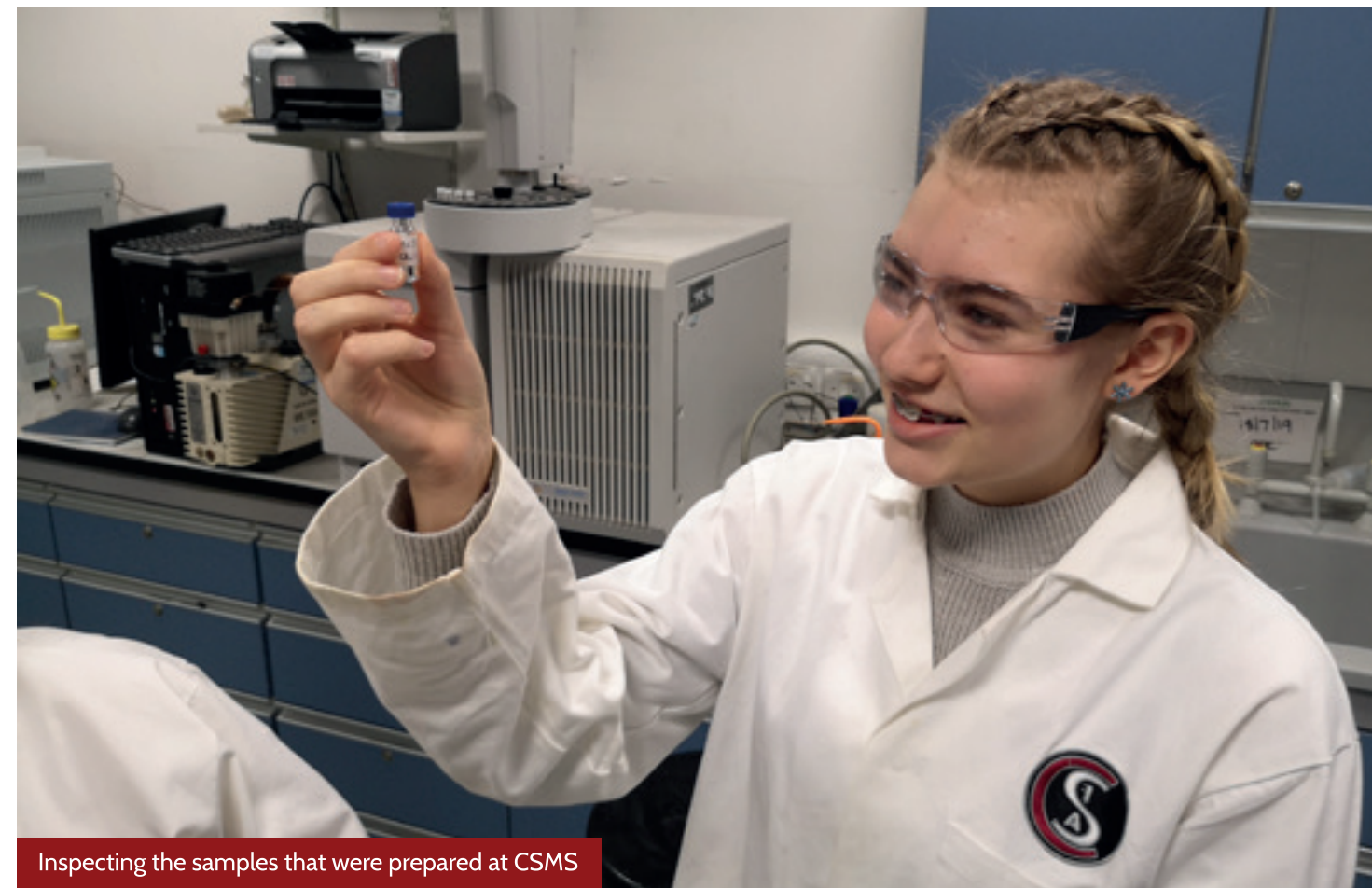
Great views from the lab



Students looking forward to the day ahead



In the lab with Sanita, a 3rd year PhD student



Inspecting the samples that were prepared at CSMS



# The Japan Super Science Fair

## Japan Super Science Fair is an incredible collaboration of students and teachers from across the globe.

This year, myself (Mrs Hawke) and Miss Hall took a group of Year 10 and 11 students to attend this event and experience everything Japan had to offer. We really feel like we have been a part of something special: 44 different schools across 22 countries came together to inspire young people and share scientific research. Not only science, but students and teachers joined to share cultures and make global friendships. Our students were beyond amazing and we are so proud of them.

Daisy McA explains more, "Words cannot express how amazing the JSSF was. We all made so many new friends. I made friends with people from Guam, Canada, Vietnam, Singapore, Thailand, Spain, Columbia, Australia, and of course, Japan! We were lucky enough to experience the culture of 22 different countries and regions, which was an incredible experience. I will never forget the spectacular time we had in Japan." Another Year 10 student on the trip, Faith C echoes the same enthusiasm: "Japan was my first cultural exchange, but I thoroughly hope it is not my last. The friends I made there, particularly from Hawaii, Cambodia, Guam, Japan and Russia, will last a lifetime. We all built such strong bonds in such a short space of time, and most of us were moved to tears on departure due to our newfound friendships."

Students took part in a five day event held at Ritsumeikan School in Kyoto. During the event, students presented Science projects and their research posters. Both of these presentations were excellently researched and expertly presented to other students and teachers at the fair. Daisy McA, Faith C and Anya A did a fantastic job in all things Science and represented our school superbly.

In addition to the Science Fair, students took part in a cultural exchange and experienced so much with their Japanese buddies. Each of our students were paired with a student from Ritsumeikan and were welcomed in to their family homes as part of the homestay programme. This worked so well in immersing students within the realities of living and studying as a student in Japan. One of the Year 11s on the trip, Ciara D, explained: "The homestay has been amazing as it's let us experience what life is really like living as a student in Japan". All of the families were so kind and so welcoming – and I know that all students are keen to stay in touch and maintain these global friendships."

As part of the homestay experience, students enjoyed traditional Japanese food (which we nearly all agreed was incredibly different to the food we're used to and super tasty!). "We got to eat so much delicious food. Japan is known for sea-urchins and rice, and while there are definitely some crazy foods to try, they were delicious! One meal I had with my host family was Takoyaki, which is basically fried balls of dough with octopus tentacles."





Anya A. and her team mate from Hawaii focused in the robot building challenge



Daisy working on the robot challenge



Daisy McA. pictured as part of the winning team



Ritsumeikan students put on an incredible show at the cultural performance



## Chinese Visitors Explore Our County

**CSIA recently welcomed nine students from Beijing, China, for a educational and cultural exchange with our school.**

The students, from the Experimental High School of Beihang University visited between the 4th and the 12th of October for a jam packed, nine day trip. CSIA are always delighted to welcome these very special guests to Cornwall and showcase how lucky we are to live here.

The visitors stayed with CSIA families in Camborne and the local area to experience what life is like in the county. Living with host families allows our visitors to explore our traditions,

practise English language skills and live like a local! It's so beneficial for all involved. The group experienced lessons at the main campus and at Nexus, and visited top locations across the county.

Students from Years 9 to 12 were part of the hosting group, allowing CSIA students to make connections and friendships across the wider school community as well as with our international guests.

They took the visitors to Falmouth, showing them its Maritime and Tudor heritage. They also visited St Michael's Mount, Pendennis Shipyard and the Maritime Museum.

"This amazing opportunity to forge international relations is an exceptional aspect of CSIA and we're very grateful for the time and effort that families have made in making our exchange group feel so welcome. We are honoured to have such support from our community," commented Miss Tippet.

Other international trips planned by CSIA over the next 12 months include visits to Thailand, China, South Korea and Japan.

For more information about our international programme, visit our website at [www.cambornescience.co.uk/csia-international-programme](http://www.cambornescience.co.uk/csia-international-programme).



CSIA Principal, Mr Kenworthy with our visitors from Beijing



Our guests visiting St Michaels Mount



Beautiful views from the mount



# Annyeong from Busan!

**Seven students from CSIA have just returned from an international exchange to Busan, South Korea.**

The group travelled on Wednesday 20th November and returned to the UK on 1st December 2019. The students participated in the long-standing exchange programme with Korea Science Academy of KAIST

By being welcomed with open arms by the family, I knew that this trip and the family's kindness would be engraved in my mind and heart forever. The weekend which my buddy had planned was jam packed with activities, such as visiting Beomeosa temple, riding the Busan cable car, and exploring the many night food markets where I tried a plethora of new delicious foods. This full immersion into the overall life of a Korean individual really opened my

eyes to the variety of cultures around the world and, in all, was a mind blowing experience that I wouldn't hesitate to try again.

## Food: Bethany W.

Korea was the first international trip I've been on, and the food was very different from what I'm used to. I'm quite a picky eater so I was very cautious about trying new foods, and when I did have something new I usually really enjoyed it even if I didn't know what it was! I really enjoyed the spicy rice cakes during the homestay, as well as some really tasty garlic chicken wings during our farewell dinner at KSA.

Our teachers went to a traditional Korean barbecue where they cooked and prepared their own food - which they reported as 'delicious'. All of the food that I tried, even if it wasn't exactly my favourite, was made to a high quality and the meals were overall enjoyable; if I wasn't feeling very brave then I'd just 'give it a go'. The food is certainly more adventurous in Korea and the UK could definitely learn something from Korean cuisine.

## Korean Culture: Reese M.

Having already experienced the culture in Japan and in numerous other countries, I can confidently say that Korea's culture is the most different compared to ours. For example, the traditional dress. Koreans wear Hanbok, which is semi-formal or formal attire worn during traditional events such as festivals or ceremonies. It is very beautiful and we saw people wearing this in the Gamcheon Culture Village. We were also able to try these outfits for ourselves at KSA, during the Korean Culture Lecture. I also found that Korean culture is incredibly respectful and that elders are revered; this was so lovely to see (both out and about in Busan, e.g. The Metro, and at our homestay).

## Advice for International Travel:

### Madeline D.

In general, I have always been quite scared of flying and travelling. I'd never been on a long trip to a different continent before as I love homely environments with lots of comfort. However, the South Korea exchange provided an opportunity to explore an exciting new country, alongside having the security of having a local family to experience new cultures.

The buddies and KSA were incredibly welcoming and thoughtful on the exchange, and this allowed me to feel safe and comfortable in such a new environment. Outside of KSA, the teachers from CSIA were amazing, by organising outstanding trips to places such as Gamcheon Culture Village and being completely understanding and kind.

I found a new part of me (someone who loves travelling and new experiences) that makes me want to partake in even more international trips in the future. Throughout the trip, I found myself falling in love with the country more than I deemed possible, and that is why I cannot recommend this trip enough!



University (KSA), including a homestay element. The trip was culturally enriching, as all aspects of Korean culture were explored on the 11 day exchange.

## Home Stay Experience: Mackenzie T.

On this trip, we were paired with students from KSA who guided us around the school and then spent a weekend with us introducing us to the incredible Korean culture. During the homestay, I was lucky enough to stay in a beautiful apartment overlooking the wonderful coast of Gwangali Beach.

Among the immense scenes I was blessed to see, I became a part of another family and a new way of life.





# The Trip of a Lifetime

## VI Form students conquer The Great Wall of China and Cultural Exchange in Beijing.

Last November, three excited VI Form students set off to China as part of our International links with the Beijing Experimental Aviation School.

Throughout their ten day exchange, they would experience life in Beijing through the eyes of their peers, try a wealth of authentic cuisines, participate in lessons with the students at the school and visit some of the most impressive sights in the world, including The Great Wall of China.

Students experienced four days in school with a timetable beginning at 7.20am and working straight through to 5pm; students were really able to understand the differences between the two school systems. Lessons ranged from English, Maths, Science, Art, Technology, Computing, Paper

Cutting, Calligraphy, Peking Opera Make up and Aeroplane designs. Students were also fortunate to take part in lessons alongside Chinese students – they were even given the opportunity to contribute in whole class discussions and presentations. In many lessons, they were invited to sit with a student who would help them to complete the work; this was very useful in the practical Biology and Tofu making lessons!

It was particularly interesting to see the impact of such a unique International link, as the Technology lessons had been inspired by the STEM work that Chinese teachers have seen at Camborne Science and International Academy and Nexus. Teachers from China and the UK have also expressed that they feel that the exchange helps them to reflect upon and improve their own teaching.

As well as participating in lessons, students experienced two days of

sightseeing with a personal tour guide who took them to visit The Forbidden City, Old Beijing, The Old Summer Palace, The Beijing Olympic Park and The Great Wall of China. At each destination students learnt about the rich history of the country: they began to understand the impact of historical international conflicts, the leadership of different Emperors and the development of the city up to the modern day. Without a doubt, they are returning with a greater understanding and respect for the impact of China in the modern world.

The students have previously visited South Korea and Japan. However, at the airport waiting to return home, Kira explained that it was the “Best experience” of her life. “Living with my buddy was brilliant. She went out of her way to explain her culture and the history of life in China. Throughout the trip we made friendships that will last forever.” Kerenza was the first to reach the top



Kira, Kerenza and Lani at one of the main gates of the Forbidden City



Kerenza participating in an experiment to make shampoo

of The Great Wall of China! “This is the best experience of my life,” she cheered to Mrs Trevarthen as they arrived at top. She felt that she had made incredible memories and was coming home with an even greater sense of determination. She now knows that she can conquer anything that she tries.

Lani was fascinated with the diversity of the city, from exploring the traditional Hutongs (original shopping lanes) to the more modern, vibrant city streets and shopping malls. Lani explained that each shop offered something completely different and really helped to illustrate how the culture has developed throughout the years. Lani had so much fun shopping that it was

difficult for her to close her suitcase when she finally had to come home!

When reflecting on their trip, students took time to acknowledge the holistic development that they also achieved. Resilience, determination and the ability to manage reactions to different situations have been paramount. In fact, in this way, the students were inspired by the Emperor Wu Wei and adopted a new phrase “Wu Wei-ing” which means ‘to go with the flow’. Certainly a useful lesson when facing diversity!

### Interesting facts about China:

- The Turtle and Crane represent longevity
- The Dragon represents wealth and power (if its head is at 45 degrees it represents wealth and at 90 degrees it represents power)
- The number 9, gold and red were reserved for the Emperor
- To work for the Emperor, men would sit 3 days of exams and be completely isolated from society, sleeping, eating and studying in the same small cabin until they finish the exams.





Views from the exit of the Forbidden City



Biology lesson with senior students



After conquering The Great Wall of China



# Leading Healthy Lifestyles

Seven talented and enthusiastic students in Years 8 and 9 have been chosen to become CSIA's Healthy Lifestyle Champions.

Jamie E, Gabriel T, and Georgina H. (Year 9); Jayden C, Pru R, Marelise S, and Morgan H. (Year 8) are responsible for improving the number of students who are physically active in CSIA.

They will be running a sports festival and a weekly programme to encourage and inspire more young people and children to participate in Physical Education and Sport. Watch this space!



# The Principal's Award

Congratulations to six Year 11 students who have been recognised for their resilience and determination to succeed.

On Wednesday 18th December, the award winners enjoyed time with Mr Kenworthy where they reflected on their achievements and discussed their future ambitions. Afterwards, Mr Kenworthy presented them with their certificates.

A further 120 Year 11 students were also awarded letters of congratulations.

Well done everyone!



# Giving Christmas to a Cornish Village

Alfie W, student at CSIA, was so sad about his village not having any Christmas lights that he set about raising enough money to give Barripper, near Camborne, a festive season to remember.

Alfie, 13, decided to raise the money about seven months ago and has received over £1,000.

The village now has a 14ft Christmas tree, 130 metres of lights and he's even been able to buy new lights to replace a broken set at Barripper Chapel near his home in African Row.

Alfie said: "I wanted our village to stand out. It needed Christmas lights so I thought I'd see how much I could raise and can add to them each year."





# Eco-Committee Achieve the Silver Award

Camborne Science and International Academy's Eco-Committee have been hard at work recently and have achieved Silver award status, one step away from the Green Flag goal.

The Eco-Committee is fully student led and involves hands on learning to raise the environmental awareness of the student body and wider community. Successes so far include: two large beach cleans; all staff litter pick competition; new bins made from recycled plastic and a cultural shift in environmental awareness.

The Eco-Committee are a dedicated group of students who willingly give up their free time to make a positive impact. If you feel this is something that interests you then please come and see Miss Aldridge and Miss Bassett on Wednesdays after school.



Adam C. Lily C. Alex C. Gracie H. Casey D. and Harry J.

# Camborne Rugby Club Train the Girls' Rugby Team

Our girls have had the opportunity to attend rugby sessions with Camborne Rugby Club, with the aim to improve participation and strengthen links between the club and our school.

Camborne Rugby Club have offered these sessions for free so that the students can access specialised coaching and potentially join their club. The girls have learnt a lot, improved their skills and had a brilliant time!



# Plymouth Argyle Coaching Sessions

Three very experienced coaches from Plymouth Argyle Football Club delivered a session to the talented pathway students.

The students were ecstatic about this opportunity, as some of our students are attending the Plymouth Argyle Centre of Excellence. They developed their game sense, ball control, and movement, and then applied these skills into competitive situations.





CSIA Participation Stats

Total to start the event	54
Total to complete the event	40
35 Mile teams to finish	4
45 Mile teams to finish	3
55 Mile teams to finish	1
Teams to finish with 6 people	3
Teams to not finish	1

The Ten Tors Challenge Update

As we approach the colder, darker days of winter many of us will have cleaned off our walking boots and stored them away ready for spring.

For a group of hopeful Ten Tors Challenge students however, the hard work is just beginning!

After an impressive run of form at the event CSIA have been awarded 3 team places for the first time ever. Each team must consist of 6 walkers, meaning 18 students will earn the right to represent the school when the event takes place in May. There are currently around 30 students fighting for places on the start line, meaning competition is intense.

Mr Douglas commented - “Ten Tors selection is always the toughest part of the year as there are a limited number of places available on the final team. Students must display teamwork, determination and discipline, along with a high standard of navigational ability and environmental knowledge.”

The event has three distances (35, 45, 55 miles) which must be covered unaided across Dartmoor in two days. If a checkpoint is missed or teams arrive after the 5pm cut-off time that team will not complete the event. Although 6 must begin the event, teams are able to drop up to two members of the team and finish with four should they need to.

Those who earn a place on the CSIA team will aim to join a select group of students to complete what is considered to be one of the hardest events in the country for young people.





## Talented Athlete Pathway

Our Talented Athlete Pathway aims to improve and develop skills in students' specialist sports, and also provide opportunities to try new sporting activities.

We would like to thank Cornwall Taekwondo and Kick Boxing for delivering an inspirational session with our Talented Athlete Pathway students. They loved learning about the Korean Martial Art of self-defense.



## A Win for our Girls at the Peninsula School Games Qualifiers

We would like to congratulate the Year 7 and 8 girls football teams who have both won the Peninsula School Games Qualifier matches.

This means they progressed to the Cornwall School Games. They were victorious against numerous teams, including Falmouth School, Penryn College, Truro School, Mullion School, Pool Academy, and Redruth School. Well done to Gina E (Year 7) and Ruby P (Year 8) who were voted players of the day by Mrs Cascarina. This was an amazing achievement!



## Cornwall County Gig Crew Success

On Sunday 20th September, Kieran was selected to row for the Under 15 Cornwall County Gig Crew.

He was in competition with twenty-six other boys from Gig Clubs throughout Cornwall and he was selected to row in the stroke seat.

Kieran represented Mounts Bay Gig Club in the West of England Championships on Saturday 12th October at The Mount Batton Centre in Plymouth.

Kieran's crew arrived at The Mount Batton Centre at 8.15am. They were greeted by the coach and told that if they won their race they would automatically be rowing in the Under 18's race. Kieran's race was third on,

racing against crews from Devon, Dorset and Somerset. They left the start line in first place and continued to keep in front for the whole course, finishing eight gig lengths ahead of the second-place Devon crew.

The Under 18s Race was rowed over a two mile course against crews from

Cornwall, Devon, Dorset and Somerset.

The Under 15's led the race for first half a mile, up to the first mark, when Cornwall Under 18's took the lead and Devon overtook them. Kieran's crew finished the race in third place with only half a gig length between them and second place - a fantastic achievement!







Y7 Girls Netball Team  
2019-20



Y9 Girls Netball Team  
2019-20



Y8 Girls Netball Team  
2019-20



Y10 Girls Netball Team  
2019-20





Y7 Boys Rugby Team  
2019-20



Y9 Boys Rugby Team  
2019-20



Y8 Boys Rugby Team  
2019-20



Y10 Boys Rugby Team  
2019-20



# National Badminton Championship Coaching

Our badminton players have had the opportunity to be coached by First Edition Junior Badminton Coaches to prepare for the National Schools' Badminton Championships.

We would like to thank First Edition Junior Badminton Club for providing this opportunity; the students are having a brilliant time improving their skills.



# Primary Sports Alliance Football Festival

On Wednesday 16th October, CSIA hosted the first Primary Football festival of the year.

The event was led by Year 10 Sports Leaders who organised and officiated

throughout the afternoon. We welcomed students from Trevithick, Rosemellin, St Johns, St Meriadoc and Gwinear Primary Schools to take part in a Friendly Football Festival to develop their skills with a focus on teamwork, communication and improving on individual performance.

With this in mind, there were no official tournament winners, but medals were presented to individuals from each team who showcased excellent sportsmanship, resilience and integrity throughout the tournament. Well done to everyone who attended.



# Netball Winter Term Update

The CSIA Netball teams have had a very successful season this year.

Our super netball team started the season off with a convincing win against local rivals Redruth School and went on to win further matches against Helston School, Mullion School, Falmouth School, Penryn College and Pool Academy throughout the winter term.

The girls have shown great improvement in their knowledge of the game, their practical skills and teamwork this year. This has resulted in more victories against other schools in the county which has, therefore, increased participation across the whole school.





## Sporting Updates from CSIA

### Pistol Shooting

Last October, Tiffany D (Year 9), Hannah P, and James W (Year 11) competed in the South West Schools' Pistol Shooting Championships.

The championships were held at Leweston School, in Dorset. CSIA were the only school in Cornwall to compete in this competition, which demonstrates the unique opportunities that students are provided at our school. Hannah P (Year 11) shot particularly well, placing 15th out of 28 students who competed, and lost out

on a place in the finals by only 5 points. Hannah said, "I am very proud of how I have performed today, but, next year, I am going to work even harder to get into the final."

### CSIA Cross Country

The CSIA Cross Country team have had an extremely positive start to the season. They travelled to Mount Kelly (College) in Tavistock to race in the first round of the ESAA Schools' Cross Country Cup. All 18 students, both boys and girls, raced their hearts out throughout the difficult course.

We would like to congratulate all students who competed; their effort and behaviour were described as 'exemplary' by the event organisers.

Greg E (Year 9) raced impeccably and placed 7th out of 70; Aalayah Y (Year 7) placed 11th out of 73 students; Finley J (Year 7) placed 23rd out of 72 students; and Barley H (Year 9) placed 10th out of 73 students. Some students from the Cross Country team progressed to the Regional Finals of the Schools' Cross Country Cup in November.



## Judo Sporting Achievements

**We would like to congratulate Rebecca W and Rosemary C for their participation at the Peninsula Judo Championships held at Mullion School. Rebecca and Rosemary both came away with bronze medals.**

Rebecca also competed in the Welsh Open. Although she didn't place, this was another step up as her first entry as a Cadet in a ranking event. Ivan competed also, and showed fantastic skill and resilience to win the bronze position. We wish our Taekwondo athletes luck in the future!



## Work Hard and Play Hard - An Evening for the Prefects

Our Year 11 prefects have been working hard since returning in September, supporting staff with lunch time duties and events such as Open Evenings.

Our prefects are wonderful examples of all things CSIA. As well as working hard, we recognise the importance of playing hard too and in order to reward this hard work the Prefect team headed off to Truro for some ten-pin bowling action!

There were smiles all round whilst bowling as the team got to know one another a bit better in informal surroundings before sitting down to a meal together. Students and staff alike were bowled over by how much fun the evening was!





House Updates

Competition between the four Houses is as fierce as ever this year with the lead changing hands almost on a weekly basis.

Abenaki got off to a flying start with victory in the Year 7 & 8 Dodgeball competitions, however Masai have recently been on an impressive run of form with wins in Year 9 Rugby, Year 7 Netball and the Christmas Card Competition.

Liam T, 9S briefly moved Aztec into the lead for a week with his winning art competition entry which the judges

felt met the brief of “Extraordinary Me” perfectly. Faith K, 7C then proved Masai also had the artistic touch by winning the Christmas Card competition. Her highly detailed robin design has been turned into a real card to be sent out as part of our Kindness events.

After a weeks of practice Year 7 finished off the term’s events with their singing contest. Each house took it in turns to perform a Disney song selected by their House Leader. Abenaki sang their hearts out to take the win, however Masai narrowly held on to the overall top spot heading into Christmas.

Students can now look forward to some well-earned rewards including the House Auctions! This brand new event will see students use their house points to bid on prizes donated by their teachers. This term the prizes range from Cinema Tickets and Doughnuts to Golf tuition!

Well done to all CSIA students who have participated in House events this term. Get ready for much more later this year.

The VI Form Variety Show

This year’s show was a roaring success!

The Student Leadership Team were inspired by their history lessons to write and produce a French Revolution inspired skit, which included audience interaction and multimedia.

The VI Form tutor team worked incredibly hard to put on ‘Paul Pan’ a traditional pantomime done in superfast timing. Complete with our very own Panto Dame in Mr Keddie, Miss Holland-Lloyd as Peter Pan’s lesser known brother and Miss Finn as Captain Spoon, to name a few. The pantomime itself was written by the talented Mr Keddie.

A particular highlight for many was the BTEC Sport group’s rendition of ‘I Want to Break Free’ by Queen. This included Mr Nonu leading some dazzling air guitar and students posing as members of the school’s leadership team.

Several lower school students also made appearances in beautifully self-choreographed dance performances which they had diligently rehearsed for weeks. The finale included our very own school band the ‘New Revolutions’ playing us out with rock music, followed by Christmas hits.

Behind the scenes the production was also supported by many other VI Form students. Particularly deserving of



Staff rehearse their lines before the show

commendation are Aidan K. and Henry S. F. who volunteered to learn how to manage the sound and lighting for the show. They mastered this exceptionally well and were a huge support throughout.

Miss Perry would like to thank all the staff and students who worked so hard to create this fantastic performance.



The finale. A whole cast performance was well received



Faith K.



Liam T.



# A Festive Gathering in Camborne

Another fantastic Christmas Carol Service was held in December at Camborne Wesley Chapel, where our students came together to sing a collection of popular carols.

The event is a regular entry in the school calendar and always proves to be hugely successful with staff, students and the local community.

Our Head Boy and Head Girl, Alfie and Chloe, began the evening with an opening speech welcoming our guests followed by our Year 7 Choir performing the first song of the night, “O Come All Ye Faithful”. The Camborne Youth Band performed on the evening, with two of our own students Corey and Joshua giving solo performances.

Ms Meltzer, Head of Music at CSIA commented, “Our Carol Service is always a wonderful celebration of the talent we have across all age groups. Our students sang beautifully and made us very proud; we would like to say a huge thank you to each and every one of our performers for their contribution and decorum on the night.”

Well done on another successful concert and what a way to start the Christmas celebrations at CSIA!



The Carol Service was a great success



Polyphony Singing Group



Corey performing 'O Holy Night'



Marelise performing 'Winter Wonderland'



# The VI Form Academy Winter Ball

The VI Form Academy came together at the start of winter festivities for the annual Winter Ball at the Gwel an Mor, Portreath.

Brightly shone the moon that night and, although there was no snow, the wind was certainly crisp which created a rather nice contrast to the warm greeting of fruit cocktails in the yurt. The atmosphere was fantastic with almost 100 staff, students and friends celebrating all the hard work of the first term of the 2019-2020 academic year.

The three course meal was enjoyed by all from starters to main course to desert. A vote of thanks was made by the Student Director of the VI Form, Tilly, who formally thanked the teachers, the pastoral team, and the students for making the term pass so successfully. And the Head of VI Form John Ross said, "It is wonderful to see so many students and staff having such a great time in shared company."

The dance floor was cleared of tables and replaced with people who rocked the venue with an impressive, eclectic mix of styles from dad dancing to hip-hop to the thumb dance. The music, dancing, laughter, and conversation was a sight to behold as everyone relaxed. Mr Ross, the Director of the VI Form, said, "The values of the VI Form are reflected in the Winter Ball where staff and students can work together to have a great time."

Mrs Belshaw, the Vice Principal with VI Form responsibility, said "The community of The VI Form is a result of the amazing support that the students get which helps them to strive to fulfil their aspirations."



Students pose outside of the festive venue



Annie and Charlotte



# Year 8 Kindness Choir Challenge

Over one hundred students in Year 8 have formed a Kindness Choir to make a positive difference to our community.

The Choir have been visiting care homes in our local community where they have performed a variety of songs. Students have also taken the opportunity to talk to residents within the homes and have learned about the effects of dementia.

Alongside visiting the local care homes, the Choir also sang to staff around the school to recognise their hard work and efforts - ranging from the teaching staff to all that are involved in the school canteen.



# CSIA Spread Christmas Cheer With Food Bank Donations

Students from CSIA have been working to support their local Food Bank.

We believe that at Christmas, it is especially important to ensure that everyone in our local community has a happy festive season.

Our students wanted to help people who may have found it difficult to provide for their family at a time of the year when there can be extra financial pressures. Every single donation makes a difference.

Since 2010, the Camborne, Pool & Redruth Food Bank has helped thousands of people in the local community.

CSIA would like to thank our caring and community-focused students, their generous families, as well as CPR Food Bank for the incredible service they provide.



# A Special CSIA Christmas Feast For All

Students from CSIA & Nexus enjoyed spending time with each other at the annual Christmas Dinner.

Students experienced a traditional turkey roast with all the trimmings, and really got into the Christmas spirit by pulling crackers and wearing Christmas hats with their peers.

Mr Simmonds stated, 'It was great to see so many students enjoying one another's company, a real community feel to a great event. The annual Christmas meal always creates a lovely atmosphere within the school, with a real excitement at the end of a busy term for all involved'.







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