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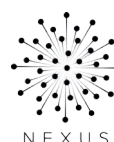
Students create cloud chambers and observed radioactive particles.

# COMMUNITY NEWSLETTER

January 2018 | Issue 63



CAMBORNE SCIENCE  
& INTERNATIONAL ACADEMY



# 6,000 mile science adventure takes Camborne students to Japan

**From Camborne to Osaka. Nine students from Camborne Science and International Academy have returned from a world-renowned Science Fair in Japan which was attended by 44 schools from 29 countries.**

“The Japan Super Science Fair gives students from across the globe the chance to work together, make friends and share their love of Science,” said Dr Jo Foster, director of Nexus and the Gifted STEM programme. “From the minute we arrived, we knew we were in for a fantastic visit.

“Our students were greeted by their Japanese buddies, many of which were already good friends from their visit to CSIA only a few months ago. We were also greeted by Pepper, Ritsumeikan High School’s resident robot who was

on hand to give information and even gave us a little dance.”

Students were immersed in Japanese culture from the beginning, being placed in a home-stay with a Ritsumeikan student. “Staying with peers and their families allowed our young people to live and soak up the Japanese of life - it was a very enriching learning experience,” said Zoe Mote, deputy director of key stage three.

Students took part in a whole host of educational challenges throughout their visit, presenting a science project titled “the impact of UV light on the growth of bacterial colonies” in front of a panel of teachers and professors. “Students were asked questions about their research in which they confidently explained their methodology and the impact that their research could make to benefit the wider world. We were so impressed,” added Dr Foster.

Students worked in collaboration with

their peers from across the world to solve scenarios and use science as a way to come up with solutions and to further research. “One of my favourite parts of the trip was visiting different successful and innovative businesses, which are at the forefront of their work and research,” said Maisy D, of year ten. “They were all doing amazing things with science and it was very inspiring.”

CSIA students enjoyed various attractions and experiences including shopping in Downtown Kyoto and Osaka, visiting numerous Temples and Shrines such as the Osaka Castle, walking through the Bamboo Forest, enjoying Japanese cuisine, flying drones and cultural performances from their peers across the world.

“We were so impressed by the independence of the students and the maturity with which they approached both the academic conference and the cultural aspects of the visit,” added Dr Foster.



Students visiting the Inara Shrine in Japan.









Students from CSIA touring the campus of Ritsumeikan University with their friends from Ritsumeikan High School during the Japan Super Science Fair.



Students from CSIA representing the U.K. at the Japan Super Science Fair.





Students Asia King, Kira Fairhurst and Beth Brown with their work at the poster presentations





# Equestrian Team news November 2017

On Sunday 26th November CSIA entered the Novice competition at the Cornwall School Show Jumping competition at Resparveth Equestrian Centre, Grampound Road run by the Western Hunt Pony Club.

24 Teams of four from schools across Cornwall entered, jumping two rounds each and a jump off round if clear in rounds 1 and 2.

CSIA entered two teams and they were: **Camborne Red Arrows:** Georgia T, Jenna M, Erin J and Elle S. **Camborne Red Devils:** Natasha J, Alix M, Barley H, Tara W and Tiffany D.

CSIA had a great day with Camborne Red Arrows finishing 1st in the Tack & Turnout section and Camborne Red Devils finishing 6th. This is a very special award to win and it demonstrates the ability to turn out your horse immaculately and behave in a polite and courteous manner whilst being



a cohesive team. Both teams were a real credit to themselves and the school and made both Mrs Haase and Ms Ferris very proud.

Camborne Red Arrows rode fantastically to claim 6th place overall in the jumping section and this was a real achievement as it was a close competition with time splitting the top 6 teams.

At the end of the competition all riders who finished on a double clear jumped off against the clock

for an individual placing. Tiffany Davis in Y7 was the only rider to be placed individually and she gained a 3rd place, jumping 3 clear rounds in a very fast time against the clock.

It was a fantastic day and all of the CSIA riders did themselves proud. The next competition is on Sunday 24th March 2018 at Colrairie Equestrian Centre, nr Truro when the team will be proudly sporting their new show jumping jackets kindly sponsored by Serco, Culdrose.



Barley H from Y7







**Above:**

Georgia T riding The Mist of March  
from Y12

**Left:**

Elisha Stevenson riding Bo

**Below:**

Tiffany Davis from Y7  
Barley Holloway from Y7  
Tara Wearne from Y9





# The CSIA New House system

**The first half term back from the summer holidays was an exciting one for our new House Leaders!**

The competition between the Houses has been fierce, led by Miss

Reeve for Masai, Miss Pollock for Abenaki, Mr Warne for Aztec and Dr Gower for Maori.

All four of the Houses have shown true passion and commitment through the array of competitions that have already taken place

such as, CSIA does Countdown, Y7 dodgeball and the Halloween Spooky Story competition have all set the Houses off to a good start – and certainly gave us a spine-chilling experience with sensational creative writing!









# Primary School Students take on Chinese Maths

**You wouldn't expect Mandarin Maths to be a subject learnt at primary school level, but that's exactly what students from Year 5 studied recently.**

A group of eighteen children from various primary schools attended Camborne Science and International Academy's Super Saturday workshop on 14th October to take part in a 'Magical Mandarin Maths'.

"We started by having some fun, dividing the students into teams and taught them 1 to 10 in Chinese" commented Pauline Fedorchenko, Languages Teacher at CSIA. "We then asked the group to take part in rap battles using numbers and hand actions for each one! It was like nothing the students had experienced before and it was clear to see what a great time they were having!"

Held between 9.30am - 12 noon, the workshop was part of CSIA's ongoing Super Saturday programme, hosted at the Academy for Gifted and Talented Year 5 students from partner primary schools.

"Students even learnt about pinyin which is how we write the Chinese characters in English, followed by flat lines, which shows how the word should be pronounced. It was all very complex but very enjoyable too."

Students took part in various activities including SPLAT, where a number was spoken in English and three teams had to compete to SPLAT the correct Chinese pinyin board.

"It was incredible to see such young students engaging with both Maths and Mandarin and having so much fun in the process" commented Mrs Fedorchenko. "If we can capture their interest and inspire them to get involved at such an early age, it will have a tremendous impact throughout their school lives."

Participating schools included: Troon, Rosemellin, Trevithick learning Academy, Weeth, Penponds, Portreath, Crowan, and St John's.

The students also played games on Linguascope which is an educational learning platform for school children to learn languages. "Perhaps the

most challenging activity we played was a circle running race game where students had to add, divide, subtract and multiply numbers in Mandarin - this was really HARD!"

"Children at this age are absolutely ready to get their pronunciation perfect, their brains are at the right stage for it" commented Mrs Fedorchenko. "They're less inhibited perhaps than older teenagers are to give it a go with strange sounding words and maybe getting it wrong. We can have loads of fun with them at this age and that's what we need to do with languages!"

Principal at CSIA, Ian Kenworthy, added "These workshops allow young people to develop their skills and understanding in challenging subjects, but have brilliant fun in the process. There is no better way to learn!"

If you would like more information on Super Saturday's, please use the booking form on our website at <http://cambornescience.co.uk/super-saturdays> or email [supersaturdays@cambornescience.co.uk](mailto:supersaturdays@cambornescience.co.uk).



Very proud Mandarin students receiving their awards.





Noah using pinyin to pronounce the words correctly.



The students all loved Mandarin SPLAT!

## Young Chef Competition

**Students completed a Young Chef Competition at CSIA during Open Evening, producing a variety of mouth-watering dishes.**

Just like Master Chef, volunteers to the competition were required to produce 2 courses in 90 minutes

including a main course and a dessert.

Dishes ranged from dumplings to filo pastry filled desserts, with dishes produced to a high standard.

The competition was judged by the local Camborne and Redruth

Rotary club who were impressed with the students enthusiasm and skills.

From the students who entered (Wojtak S, Jasmine W and Emily M), Jasmine has been invited to enter the next round of the competition at Richard Lander in the near future. We wish her luck.





## Maths Enrichment at NEXUS

As the new half-term begins, students in Mathematics Enrichment are preparing for a series of engaging and insightful sessions to explore and investigate the exciting world of Mathematics. Over the previous 7 weeks students have used analytical thinking, teamwork and predictive reasoning to buy and sell oil in the BP trading game, discovered the 6 faces of hexaflexagons, constructed Columbus cubes and

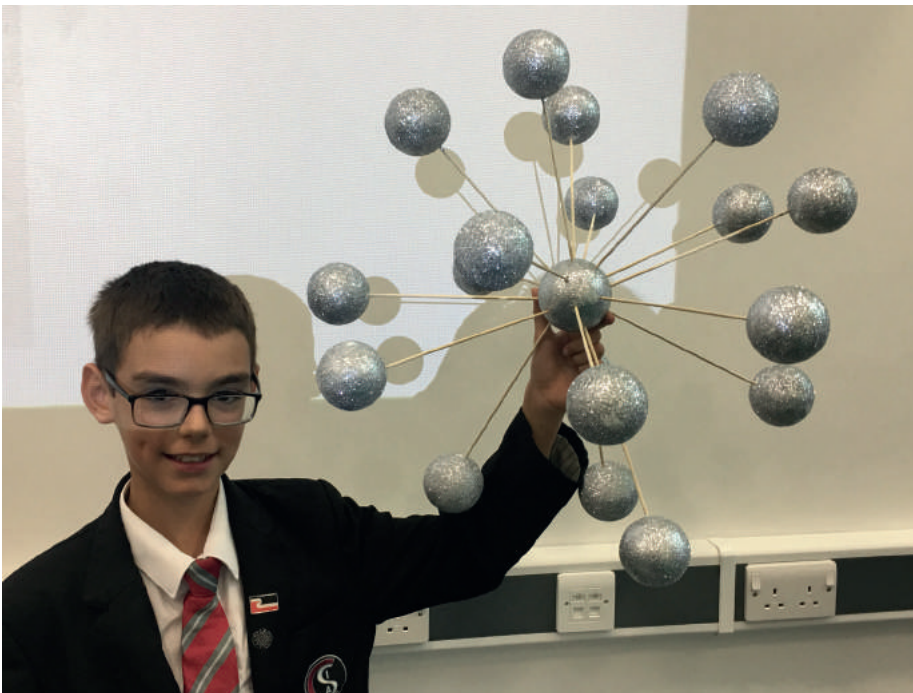
solved Mathematical mysteries.

Coming in the future is the NEXUS Maths Olympiad where students will complete in competition amongst their peers. Students will also be visited by a range of teachers with differing backgrounds to share their interests and love of Mathematics whilst trying their hand at some of the world's most challenging problems.

## NEXUS VI Form Senior Maths Team Challenge

Congratulations to the four CSIA students who took part in this year's regional heat of the Senior Maths Team challenge hosted by the Further Maths Support Programme. The group of Mia, Conor, Jools and Ross competed valiantly and finished an impressive 6th out of 18 against a field of very tough opposition.

The competition was made of a series of thought provoking and demanding challenges designed to test even the strongest of mathematicians including a fast paced and complex mathematical relay. A similar event will be held for students in Year 10 in the new year. Well done to all of the students involved.



## Gaby's Happiness Project sparkles

**As part of their Philosophy and Ethics lessons at Nexus, the students in Nexus 8 were asked to produce something that represented what makes them happy.**

There were some exceptional projects handed in on Friday last week, not least this amazing 3D model of the Nexus logo from Gaby.

Gaby said: "Being at Nexus makes me happy because I have such a good time. We get the opportunity to do so much here and I know

I will have a really good career because of it!"

Dr Foster, the Director of Nexus, commented: "We'll be displaying Gaby's glittery creation at Nexus where it's a great reminder of what we are here for; happy students who love their time at school and excel at their learning."



# Laura's focus at the Winmau World Darts Masters

**Before making it into the main draw for the Winmau World Dart Masters, I first had to qualify by travelling to Dorset to compete in the South West Qualifiers.**

Members of the youth and senior team travelled from all over Cornwall to earn their place in the main Winmau Masters draw. As the day progressed, I won the preliminary round 3-2 against a girl from Bristol. This got me a place in the semi-finals.

Maintaining my focus, I kept on top form and made it into the finals winning 3-0. As the rest of the Cornish team suffered defeat,

I had to play another contender from Bristol, it was a tough match but I won the game with a 3-0 win victory, finally, I had made it to the Winmau Masters.

4 weeks later I travelled to Bridlington a day early of the competition to prepare for the event ahead.

The following day, the time had come to play my game. That afternoon I played my first game which saw me beat an American 4-1 to sail through to the last 16 in my group.

Competing on the world stage comes with a lot pressure to perform and unfortunately I was defeated in next round. I was sad

to have to leave the competition, but on whole it was a great experience. I will continue to train and hope to get another shot at the title next year.

Written by Laura S.



## Remembrance Week

**Students from Year 7 and 8 took to the streets of Camborne on Wednesday 8th November to sell Poppies prior to Remembrance Sunday.**

Members of the local community and businesses were full of praise for their efforts and congratulated the students on their trip. Comments received from the

community referred to how incredibly smart and respectful the students were throughout their visit to the town. One member of the public stated that the school should be 'extremely proud to have young people of your calibre – fantastic ambassadors, showing that there is a bright future ahead'. The students' efforts were generously rewarded as they collected a record-breaking total for the British Legion – as well

as raising the awareness of the ultimate sacrifice people made in the past.

Furthermore, students from the Academy, including the Head Boy and Head Girl attended the Act of Remembrance at Camborne Parish Church on the 10th November, where they laid their own wreath in remembrance of those who gave their lives in the services.





# Life from a Thai Perspective

**Students from year 10 and 11 have just returned from an unforgettable adventure to Thailand, in which they were able to experience life from a Thai Perspective.**

The group spent a large proportion of their time at the renowned Mahidol Wittayanusorn School (MWITS). Which is the Thailand's first public residential high school, catering for the nurture and development of exceptionally gifted and talented students in Mathematics, Science and Technology.

Students at the school must pass a national entrance exam in order to attend and only the top two percent of entrants taking the exam gain a place within the school. Whilst at the MWITS, Camborne students were able to mix with some of the brightest young minds that Thailand had to offer and also experience many lessons from a Thai student's perspective.

As well as seeing many high

quality and engaging curriculum based lessons the student were also treated to sessions based around Thai culture including a Thai language class, a Thai cookery class, and also a Thai art class.

Students made the traditional dish, Pad Thai in their cookery lesson and Mrs Lyddon, Cover Coordinator/Governor's Clerk said "The students did really well when preparing the dish, as many of the ingredients and preparation techniques used would have been completely new and unusual to them but they were not phased at all and took everything in their stride"

Gemma S in particular really excelled when producing her Thai sculpture and said "Making a sculpture of a Thai flower was really exciting and as somebody that enjoys Art in my spare time, I will be able to take ideas from traditional Thai artwork and then incorporate them into my own work".

Outside of the school day students also took part in a range of exciting

activities including visiting the Grand Palace and Temple of the Emerald Buddha as well the scenic Erawan waterfall and historical Bridge Over The River Kwai. Ryan C said that "walking inside the Erawan waterfall was an amazing experience that was made even more unusual by the fish that nibbled the dead skin on our feet as we swam in the pool below the waterfall".

Mr Egglestone, Director of Key Stage 4 at the CSIA said "The students really were a credit to the school and I am proud of the way that they approached the exchange with an open mind. It was wonderful for me to see the students embrace and appreciate the culture of a country that is completely different to that of our own.

We are really lucky at the school to have such a diverse and unique international programme and I would encourage as many students as possible to take part and create memories that they will cherish for a lifetime".



Mr Egglestone & Mrs Lyddon exploring a traditional Thai village.





Getting creative - students craft Thai Flowers



Gemma trying her hand at cooking up a traditional Pad Thai.



Students take a trip to the floating markets, Bangkok.





English lessons with Teacher James



CSIA students take a Thai D&T Lesson



A final farewell from MNITS School





Rafting on the River Kwai



School assembly presentation to students and teachers



# Duke of Edinburgh Gold Presentation

## On Thursday 12th November 2017, 6 students from CSIA headed to St James's Palace in London to receive their Gold Duke of Edinburgh Award.

This was an amazing achievement and the culmination of 5 years of work from Bronze to Silver to Gold.

It is also the first time students from CSIA have been to this prestigious event. The students, Kate P, Olivia H, Jessica B, Ellie B, Alex R and Damon T are all now at University or on gap years and were very excited to be receiving their award from Prince Edward, The Duke of Wessex. Unable to attend but also achieving the Gold Award were Rowan B and Isla S.

After various methods of travel, most of the students met in Trafalgar Square on a beautiful sunny morning and after spending some time exploring headed off for lunch. The Royal Society was the setting for the Official photographs and it was amazing to visit such a stunning and inspiring venue.

The walk from the Royal Society to St James's Palace took in the Mall with Buckingham Palace at the end. St. James's Palace has been the setting for some of the most important events in Royal history, having been a residence of Kings and Queens of England for over 300 years until the reign of Queen Victoria. As the home of several members of the Royal Family and their household offices, St James's

Palace today hosts up to 100 receptions each year for charities associated with members of the Royal Family.

Once inside St James's Palace, the students were escorted to the Picture Gallery for their presentation. There were 100 students in each of 3 rooms receiving their awards and each room was to be addressed by the Prince and a celebrity guest. Much excitement ensued when Philip Schofield entered our room to talk to the students. He was thrilled to have such a large Cornish cohort, originating from Crantock himself. Philip talked to the students about what an amazing achievement it was to gain the Gold Award.

Nationally less than 11,000 students achieve it annually and less than a third of those who start complete. He explained to the students that he did not have the opportunity to complete it at school but he has been a keen supporter ever since, so much so that he agreed to make a programme about it for the Diamond Jubilee last year. He was asked to undertake a challenge and decided to try "Wing Walking", Philip talked us through his life-changing experience and then opened up the floor for questions. During the questions, he explained to the students that when interviewing for the BBC or ITV if a candidate has the Gold D of E Award it sets them apart from most people and is such an important qualification to have. We were then fortunate to meet Philip's mum who, after watching Philip Wing Walk, decided to try it

herself and was the oldest person to do a loop the loop at nearly 82 years of age.

The Duke of Wessex, Prince Edward was then shown into the room and the students all stood and were presented to him in groups of 25 (as rehearsed earlier). He spent about 5 minutes talking to all of them and asking questions about what they did on their Award and where they went on their expeditions. He was very engaging and genuinely interested in their stories and adventures.

It was a quite remarkable day and well worth the journey to share the experience. CSIA looks forward to making this trip again when the next cohort of students venture to London for this prestigious event.







Formal Gold DoFE Award Presentation at St James's Palace, London hosted by Philip Schofield





Jessica B, Ellie B, Kate P, Alex R, Olivia H









## DofE and Ten Tors set to break records in 2018

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**2018 is set to be a big year for the Duke of Edinburgh's Award scheme at CSIA with 64 students enrolled onto the Bronze programme.**

Silver and Gold award numbers have also seen significant growth and the academy now has around 200 students working on various levels of the award. "Having made some fairly significant changes to the structure of the award at CSIA this year it is fantastic to see such high numbers wanting to take part. These participation figures place the academy right up there with the best schools in the South West.

There is a lot of hard work to do over the year, but I am confident that 2018 will see record breaking

numbers of students completing their awards." – Mr Douglas  
The Ten Tors Challenge is also shaping up to be a highlight of the year for a number of students who have started training for the annual event held in May. Students who make the final teams of 6 will have to cover 35 or 45 miles in two days over the rough terrain of Dartmoor, along with around 400 other teams from around the UK.

With around 30 people competing for just 12 available stops, the students will have to work hard during training to earn their places. The academy has never had two successful teams across the line, so the pressure is on to make this the most successful Ten Tors yet for CSIA.







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# STUDENT PREFECTS

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# CAMBORNE SCIENCE & INTERNATIONAL ACADEMY



# A Ten Thousand Mile School Trip for Camborne Students

**It's not often you jet off to the other side of the world for school but that's exactly what three students from Camborne Science and International Academy did recently.**

Travelling to Adelaide, Australia, Kerri G, Adam M and Grace A in Years 10 and 11 along with two

possible in the time we had." Host school - The Australian Science & Mathematics School (ASMS) - organised CSIA's itinerary which included Adelaide Zoo, the South Australian Science Museum, a dolphin cruise and a visit to the Maritime Museum. "It was so interesting to see that even on the other side of the world, their history has many similarities to Cornwall. One of the ships we saw had set sail from Plymouth all

and pig racing to wood chopping!" Grace was taken to two wildlife parks and a beach restaurant to try the local cuisine.

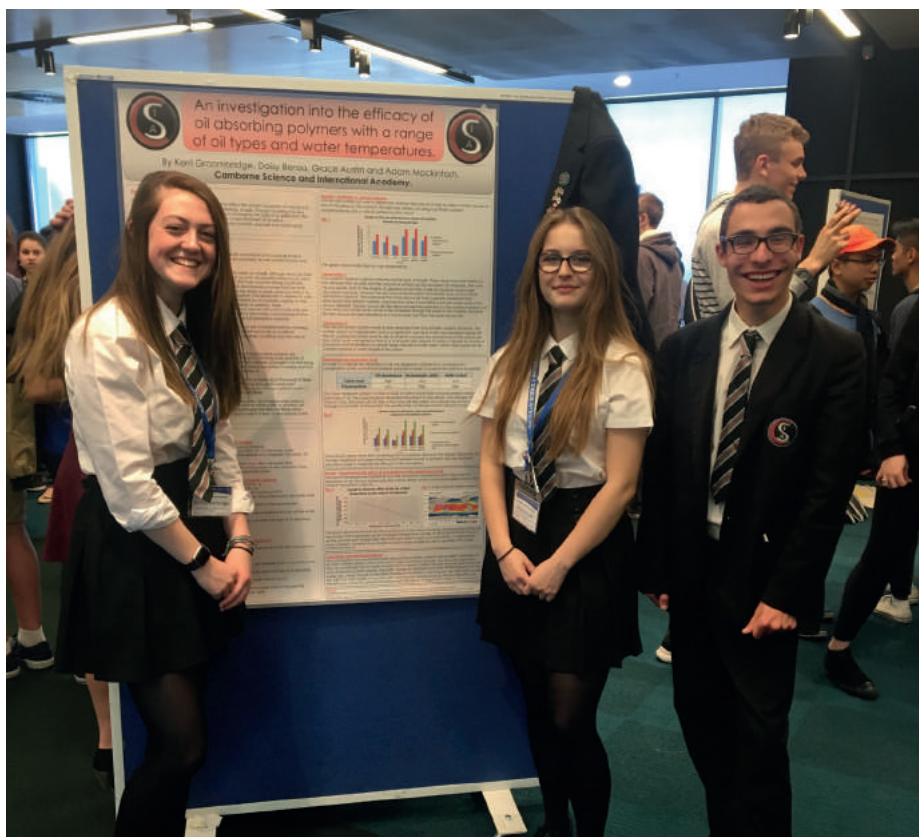
The ISF took place from day six to ten and was jam-packed from start to finish, seeing over 50 students take part from schools across the globe.

"The Opening Ceremony was particularly memorable with amazing cultural performance about the Aboriginals using dance and other rituals" commented Miss Rogers. "Our students were challenged with their own projects which they researched individually and then presented in an exhibition."

The students also presented a research project undertaken at CSIA before the trip, to an audience of seventy people followed by questions. "I did find this quite nervewracking but we answered some really challenging questions so we felt very proud afterwards!" commented Kerri. "I can honestly say it was the most amazing ten days and not only did I learn so much, I've really grown in confidence and have picked up so many new skills."

Principal at CSIA, Ian Kenworthy, added "We are delighted to be able to offer these opportunities which allow our students to work with their peers from all over the world, to learn about different cultures and explore new ideas and prospects. At CSIA, we're very proud to foster global awareness and international collaboration which is so beneficial to our students."

Other international trips planned by CSIA this year include visits to Japan, Australia, Canada, Thailand, China and South Korea.



Kerri, Grace and Adam present their Research Project.

members of staff visited to take part in an International Science Fair (ISF).

"What can I say! We had the most incredible ten days" commented Miss Tamsyn Rogers, Science Teacher and Super Saturday Coordinator. "We flew a few days in advance to give us all the opportunity to go sightseeing and see as much of Adelaide as

those years ago!" said Miss Rogers. Days three to five were home stay days, where students were shown around the area by their Australian host families.

"I had the best time with my home stay family. They took me to a zoo where I was able to feed kangaroos and pet a koala!" said Kerri. Adam commented "I was taken to the Royal Adelaide Show and got to see everything from sheep shearing





Grace, Adam and Kerri at Victor Harbour sightseeing.



Adam after an insightful tour of the South Australian Medical Research Institute



# Camborne students jet-setting again - this time to all the way Canada!

## A group of students from Camborne Science and International Academy have taken part in a global conference in Canada.

The group attended the ten day Bio-Innovation and Sustainability Conference in Winnipeg, with other young people from Australia, Japan and South Korea.

"It was the most incredible trip," said Thomas Smith, director of e-learning, computing, business and economics at CSIA. "Our students were totally immersed into the Canadian culture and enjoyed so many new experiences. We had lots of opportunities to enjoy the area and visited Assiniboine Park Zoo, the Longitudinal Center of Canada and watched the ice hockey games."

Phoebe H and Ross W in year 12 and Ellie H and Lewis B in year 13

made the trip with Mr Smith and Miss Danks.

Hosted by Fort Richmond Collegiate, students stayed with host families and investigated issues surrounding securing long-term food production and access to clean water. "Our students worked in teams to construct and present an environmentally neutral plan for a 160 acre farm," said Mr Smith. "It was very complex but they really enjoyed the challenge and working collaboratively."

Leisure visits were taken to Manitoba Human Rights Museum and Forks Market. "On Friday we took the bus to the Forks, Winnipeg's number one tourist destination with more than four million visitors annually," added Mr Smith. "As the first national museum to be built in nearly half a century, the Canadian Museum for Human Rights uses technology such as virtual reality, touch screen

activities and interactive videos. It was such a fantastic day.

"We attended the Agriculture Bioscience International Conference where our students listened to experts in research and industry. We spent lots of time on farms investigating soil samples, testing water and looking at technology to improve yields and reduce contamination."

Presentations were made at the end of the visit, with students explaining their findings and making recommendations based on their research. "The students had the most amazing time in Canada and have become close friends with students from across the world," said Mr Smith. "The trip was extremely enriching and an unforgettable experience."



All staff and students at Kelburn Farm





Bob Adamson (Fort Richmond Wetland Centre of Excellence - Program Director) with students from Australia, Canada, Camborne, Japan and South Korea at Kelburn Farm



Phoeve, Ross, Lewis, Miss Danks and Ellie at the Forks in Winnipeg



Lewis B collecting pond samples





# Academic research with the National Junior College, Singapore

**Six students from Nexus travelled to Singapore recently to work on academic research with one of the country's leading schools; the National Junior College.**

"Our students worked in teams of four with their peers from the National Junior College to explore unknown and untested areas of Physics, Maths and Biology" commented Dr Jo Foster, Director of Nexus. "They were tasked to carry out a literature review into current research and use their findings to decide on their own research project. In November, students from NJC will travel to Camborne to complete the work and produce a written paper for another week of inspiring international collaboration!"

Ailsa Drew, Alicia Jenkin, Annabel Harry, Kayleigh Williams, Jools

Clarke and Taylor Smitheram made the trip with two members of staff from Nexus; Mr Daniel Chapman and Mr Gareth Rees.

Alongside the educational aspects of the visit, students took part in various cultural excursions and lived with their NJC peers for the duration of the trip. "The homestay was fantastic and allowed our students to experience first-hand what life is like in Singapore" commented Mr Chapman, Lead Practitioner in Science and Nexus VI Coordinator and Deputy Director of the Gifted STEM Programme.

"It was such an amazing week and I have made lots of new friends" commented Ailsa in Year 12. "I found the research very challenging but we have all achieved so much in such a short time. I can't wait until November when we'll all be reunited to finish our projects!"

"We would like to extend our thanks to the National Junior

College for their assistance with the research projects, particularly Mr Kester Wong and Ms Stephanie Foo for their tireless efforts" commented Mr Chapman. "Our Nexus students and staff also want to say a huge thank you to the NJC students for their hospitality; Nihal, Arshad, Gabriella, Lenice, En Qi and Hongyi."

"The close friendships which have developed this week are sure to mean that the students will keep in touch long after the academic programme has ended!"

Principal at CSIA, Ian Kenworthy, added, "Collaborative learning engages our students, furthers their knowledge, improves global awareness and taps into the power of combined talents across the world. It's all about encouraging our students to see things from different perspectives and to acquire lifelong transferable skills."



Nexus and NJC students celebrate the completion of their academic exchange





Nexus and NJC students and staff visiting the River Safari at Singapore Zoo



Nexus and NJC students in the National Junior College at the start of their academic exchange







## Y8 Voyage à Paris

**During the October half term, 73 students went on the annual Year 8 trip to Paris.**

The students stayed at the Château de Grande Romaine, on the outskirts of Paris. At the château, students were able to enjoy a range of activities, from crêpe making to mini Olympics, and even a fashion show.

The first full day in France gave students an opportunity to try their French skills at a hypermarket and local shops. With the afternoon being based at the activity centre, students and staff were challenged

to abseil the climbing wall and climb up and try the 'leap of faith'. For those less keen on heights, their skills were tested on the archery range and their map reading skills were challenged with some orienteering around the site.

The following day, students went into Paris, via the historic market town of Brie Comte Robert. At the market, students were able to barter with the local stall holders to buy souvenirs for friends and family. With their purchases made, students headed into Paris and a picnic lunch on a boat ride along the river Seine. With lunch safely digested, students began the walk up the Eiffel Tower. They

successfully climbed all the way up to the second floor, where they could enjoy the spectacular views out over Paris.

Our final day was the much-anticipated trip to Disneyland Paris. Students were able to enjoy the many rides, meet the Disney characters and even have their photos taken with them and get their autographs. The day was much enjoyed by both students and staff.

Once again, the Year 8 students were excellent ambassadors for CSIA and the MFL department is already looking forward to next year's trip to Paris.



Facing their fears, students took on the climbing wall at the activity centre.





Students visit the famous Disneyland in Paris



Spectacular views from the Eiffel Tower, Paris



Taking in the climbing wall challenge



# Halloween themed writing competition

**We've had some excellent achievements in Camborne Science and International Academy over the last half term.**

Masai ran a House Spooky Story writing competition at the end of October which resulted in an abundance of creepy stories which terrified all who read them. The stories were judged by our VI Form English Literature Students who chose an overall winner based on their creativity, writing skills and ability to scare!

Well done to everyone who entered the competition: there was a brilliant level of effort and quality! The overall winner was Erin F, a Masai student from 7B who wrote a terrifyingly gory story which gave the VI Form students nightmares.



## Young Chef Competition Winners



The President of the Redruth Rotary Club joined us at Camborne Science and International Academy to present two students with rewards for their hard work. Oliver C and Patrycja S were presented with professional personalised Chef's jackets to reward them for their efforts in last year's Young Chef Competition, in which they both did very well. The Redruth Rotary Club is continuing to run various exciting events, including the Young Chef Competition for 2017/18 which is currently underway. Good luck to all those students involved.



## Praise Points Draw Winner

At the end of every half term, in Camborne Science and International Academy, students are entered into a Top 50 Prize Draw that could see them take home a tablet computer as an extra reward for their hard work, dedication and commitment to their studies. Only the highest scoring students on Praise Points are entered into this draw, therefore, every half term is spent trying for a place in the prestigious top percentage.

The House Team would like to congratulate the winner of our Top 50 Prize Draw this half term: Kayleigh F from 7N!

We look forward our next prize draw which will be at the end of this half term – just in time for Christmas!



## Codebreakers! - Super Saturdays

**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 2 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 Cable, that they were worthy of the prizes. Teams quickly set about constructing their persuasive letters using alliteration, triplets and some very abstract code words!

With only 15 minutes to spare, the first team secured the information they needed and rushed to where the prizes were hidden. However, it was not easy to convince the

Keeper of the Prizes to part with the goodies. They were sent back to perfect and adapt their letter to be even more persuasive; other teams were catching up and the race was on!

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





# Social Sciences Festival 2017

**On November the 8th, a group of VI form Sociology and RPE students were invited to a day of lectures and activities entitled: 'The Public Gallery: Constructing Consent in the Courtroom'. The lecture was organised by Exeter University, as part of the national Social Sciences Festival 2017.**

The morning activities focussed on examining and evaluating laws around sexual consent. Students spent time discussing key issues, and a vote was cast before lunch. The majority of students concluded that the consent laws in the UK are not effective at present.

In the afternoon, students took part in a fascinating activity, evaluating reasons for and against having cameras in the courtrooms. As part of this, courtroom scenarios

from around the world were examined, and students worked in teams to address key questions. The final part of the day focussed on advice for university applications, which was really valuable.

As always, our students were excellent ambassadors for CSIA and fully engaged with these fascinating topics. Many thanks to Tyra Fox for accompanying us.





# Critical Insight - VI Form Scholarship

**My name is Mia Fulcher and I'm a year 13 student currently studying Mathematics, Further Maths, Physics and the EPQ. I applied for a VI Form Scholarship so I could complete a five day residential mathematics course at Villiers Park.**

This was a wonderful opportunity because I could work with A-level

to know the fellow students we immediately delved into some University style mathematics. The notation and style of teaching was different to A-Level and gave me a critical insight into degree level workload and mindset and the need to independent study and research. At Villiers Park I was able to engage with a deeper level of thinking about unfamiliar and quite abstract topics within mathematics such as The Golden Ratio, Hyperbolic Geometry and Cantor's Theory of Sets.

numbers. A highlight of the week was a visit to Bletchley Park- the place where Alan Turing cracked the enigma code during the Second World War. This residential programme was truly unique.

The VI Form Scholarship meant that I was able to discuss my passion for my subject with like-minded people which has only further encouraged my appreciation and competitive drive towards mathematics. I was also able to develop a range of thinking skills by exploring different methods to solve



students from around the country who have a passion for maths. My goal is to read Mathematics at a Russell Group University and the Villiers Park programme is going to make my UCAS application more meaningful because it demonstrates my dedication for my subject and will make me stand out from the crowd.

After a brief introduction to get

There were two tutors who led the course, both of whom were at the cutting edge of their mathematical specialisms, and were stimulating in their lecturers and encouraging in their direction of independent investigation. Each new topic was explored and guided- making sure we had full comprehension. Masses of food, excellent accommodation and sports facilities served as a delightful backdrop to all of the

problems and this has made me more independent in my learning which will aid my A-Level studies as I strive for excellent grades. By being introduced to a wider range of mathematics I have a slight advantage, particularly during interviews, and in preparation for the STEP admission papers. I am thoroughly thankful to the VI Form for providing me with this opportunity.



# STEM focused careers day

## Nexus was proud to host a STEM focused careers event and CERN Symposium yesterday for eighty students in Year 10.

The day included a number of different activities aimed to give students a greater understanding of the vital role that STEM careers have in society.

The event was run in association with the Institute for Research in Schools, and was part of the annual IRIS CERN Symposium which was simultaneously being held at Sterling School in Scotland and the Rutherford Appleton Laboratory in Oxford. The day included presentations by students from CSIA and Callington Community College who have carried out real scientific research using equipment and data provided by IRIS, as well as a live link to the Appleton Rutherford Laboratory.

The Nexus event began with some amazing practical workshops. The students had the opportunity to experience being engineers when they built their own particle detectors. They also learnt how radiation workers can calculate half-life, how to handle large data sets to identify patterns and correlations, and how astronomers use spectral analysis to see what distant stars are made from.

The Year 10s then worked with Mike Grocott, from Space Education Adventures, who made a model comet from dry ice before highlighting the many opportunities available in the UK Space industry which is one of the fastest growing sectors in the UK economy. The students also

heard from Dr Barry Dillon, a post-doctoral researcher in theoretical particle physics from Plymouth University and Claire Eason Bassett the owner of Mackerel Sky, who both talked through how they use STEM in their careers every day.

The students involved were immensely positive about the event. "Today was extremely helpful, and I am sure this will be useful to me both now and in the future. All the teachers were brilliant!" said Kiera Paul in Year 10. Lalita Wong, also from Year 10 added "I found the whole day very inspirational and eye-opening. It has given me lots of ideas about

STEM careers I might pursue".

Dr. Becky Parker, Director of the Institute for Research in Schools commented "I heard great things about the day at Nexus from the IRIS team involved and thank you and your staff for your time and energy to give young people genuine research opportunities and the chance to share these with other schools in the symposium. It's wonderful having your school as such a fantastic Institute for Research in Schools partner."



By using spectral analysis, students discover what stars are made of.





Students analysed 'Big Data' from the Institute for Research in Schools



Students made their own cloud chambers and observed radioactive particles





Mike Grocott, from the Institute for Research in Schools, uses dry ice to make a comet in his lecture about careers in space.



## Another successful PHSE Day at CSIA

**Our most recent PSHE and Citizenship Day was well received by staff and students alike.**

A plethora of activities and workshops were run across both of our sites in supporting our students in gaining an understanding of the wider world. Year 7 had passionate debates about the refugee crisis, investigating case studies of refugees in our own 'camp' in the Japanese Garden.

Bonnie-May said that she loved being able to learn about people's experiences from around the world. Year 8 analysed the world of fake news, stereotyping in the media and society, alongside a

brilliant workshop run by YAY Cornwall focussing on LGBTQ rights. Archie said that "It taught us to be tolerant of everyone, regardless of their characteristics".

Year 9 spent time investigating how to stay safe in relationships whilst celebrating the foundations of successful healthy relationships. Year 10 focussed on career development, some participated in workshops at Nexus, delving into the realms of STEM careers, including a fascinating talk from Mike Grocott, of the National Space Academy. At the main site students focussed on the challenges of the workplace, sourcing independent advice and guidance on future pathways. They were able to participate in a virtual interview

and were then placed into a mock interview scenario that tested their steel. Our Year 11 students participated in a Post 16 taster day where they were able to experience what it would be like in an A-Level classroom. Students also had the opportunity to get involved in sessions from outside providers such as focussing on Horticulture at Duchy College. Our V1th formers spent a day being challenged by the MAD team, who looking at motivation and skills for mastering post-16 study.

The whole day was a hugely valuable experience for all concerned, with great diversity and challenge throughout.



Students were introduced to Horticulture studies on PHSE Day



# A visit from Professor Tom McLeish

**We were delighted at the end of September be hosting Professor Tom McLeish, A Professor of Physics from the University of Durham for two days.**

Professor McLeish also chairs the Education Committee at the Royal Society. He came to see the outstanding practice in research and STEM provision at the school. On Thursday afternoon he gave a fascinating lecture on the Medieval Science of Light to Nexus 7, 8 & 9.

Professor McLeish commented that he had given a similar lecture in many institutions, including many Universities, all over the world including Harvard and that he had never, until Nexus, encountered an audience who all knew about Aristotle's four causes. We have Miss Perry, who runs our lively and popular Philosophy Club to thank for that! The lecture was entertaining, thought provoking and the students had lots of excellent questions for Professor McLeish.

Professor McLeish then joined

about as part of her EPQ project on Magnetic Resonance Imaging.

On Friday, Professor McLeish toured the school and visited a number of lessons. He met with students who had carried out research in conjunction with the Institute for Research in Schools on their own data from the IRIS carbon monoxide detector and data from the Trace Gas Orbiter currently orbiting Mars. He later delivered a lecture to VI Form students from the Humanities and Sciences entitled 'The Poetry and Music of Science; a study in Comparative

Professor McLeish delivering a lecture on Medieval Science



Max B from Nexus 7 commented "It was amazing to hear how well developed Science was in the Medieval period. I didn't know they were so interested in Science back then!" Ben M from Nexus 7 said "I was really intrigued by the lecture. I was stunned that the Professor's team discovered that 800 years ago, someone understood about how three different colours of light could come together to form all the colours we can see."

Nexus students and staff for tea and visited our STEM Club to learn about the research projects the Year 7 and 8 students are working on this term. Professor McLeish then spent over an hour meeting with some of the Nexus VI students to discuss the work they have carried out as part of their Extended Project Qualification. He was particularly interested in Meghan's work on puzzle-solving in rooks, and Mia's use of the Fourier Transform, which she learned

Creativity in the Humanities and the Sciences'. The students were entranced by the lecture, and he was inundated by questions at the end of his talk.

We were very fortunate and honoured to be visited by Professor McLeish, and we look forward to continuing to work with him into the future.



# Experience of a Lifetime for Amy and Meghan

## A unique programme at Camborne Science and International Academy has given two of its VI Form students a once-in-a-lifetime trip to Africa.

Amy and Meghan, Year 13, are both pursuing careers in Animal Science, and separately travelled to the continent to volunteer.

"The CSIA VI Form Scholarship programme allowed me to take part in this incredible trip" commented Amy. "I spent a remarkable 18 days in South Africa volunteering at African Dawn - a sanctuary for animals - where I got the most amazing work experience!"

Meghan also travelled to South Africa, spending four weeks in a Veterinary internship with the Oyster Worldwide organisation. "It was phenomenal! I worked with people from all over the world who shared my veterinary passion - this was so inspiring. Game drives gave me close encounters with lions, elephants, giraffes and hippos and I was directly involved in general maintenance such as fixing roads, removing invasive species of foreign tree and rock collecting for building. It was all so rewarding!"

In order to qualify for the scholarship, Amy and Meghan had to apply in writing, then give a formal presentation to a panel which included Principal at CSIA, Ian Kenworthy, the Director of VI Form, John Ross and the Head Boy and Girl.

"We are dedicated to supporting students to become independent and well-rounded individuals" said

John Ross, Director of Key Stage 5. "Our Scholarships are a way of helping our young people to realise their ambitions, support their next steps and provide life experience which is invaluable for personal development."

Having fought off tough competition and winning the scholarships, both girls then independently organised their trips. "From day 1, it was truly life changing. The opportunity to go international for experience has been critical to my future plans, supports my CV, has given me a deep understanding of the practical elements of my University course and confirmed my career aspirations" commented Amy. "Not only was my trip hugely educational, but I also made time for sightseeing and exploring too. I even bungee jumped off the highest bridge in the world!"

Meghan's highlights included walking with cheetahs at a rescue centre, cage diving with sharks and working first-hand with a safari vet. "On one very memorable day, we darted three lions and then had to transport them on a stretcher into a trailer to be taken to a different part of the reserve. It was incredible!"

There are a limited number of scholarship awards available at CSIA, with applications taking place in the first term of each academic year. "Our VI Form is very proud to be able to offer students an array of different opportunities beyond the classroom" said John. "If they have a dream and are prepared to work hard to achieve it, they can go anywhere on the planet!"

Meghan thanked CSIA's VI Form

for her experience, commenting "This scholarship allowed me to go ahead with this experience. Going to Kwantu and travelling alone for the first time was incredible. I met some amazing animals and gained priceless experience which will be very valuable for my university applications."

Amy added, "In Cornwall, I would never have had the opportunity to work with these magnificent animals, let alone be in such close proximity. I am eternally grateful for the opportunity that the VI Form Academy provided for me."

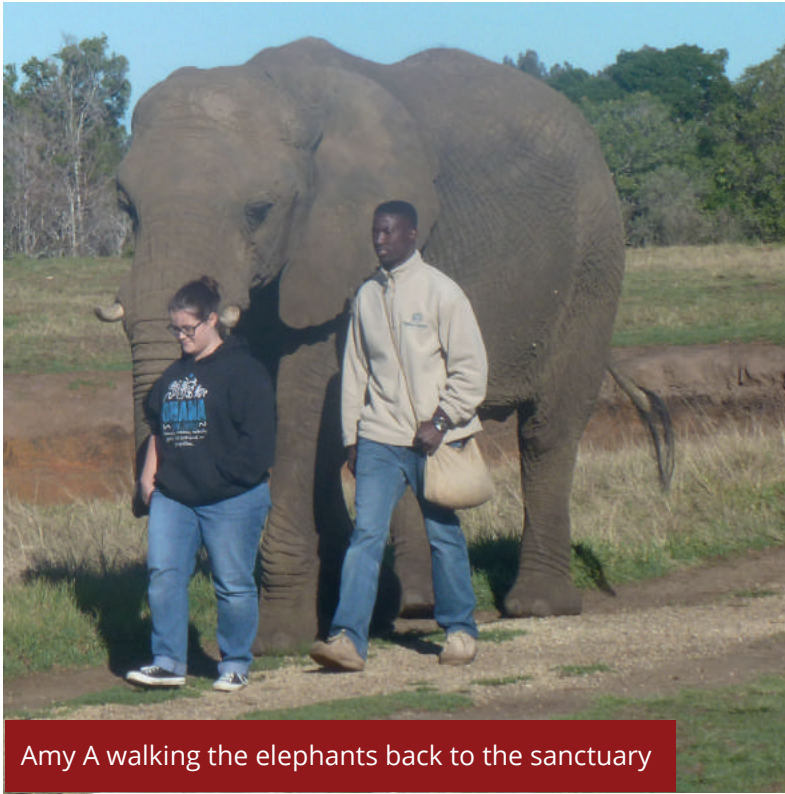
"We congratulate both Amy and Meghan for their determination and diligence, embarking on these challenging and incredibly fulfilling African adventures" said Principal at CSIA, Ian Kenworthy.

"Our scholarship programme is all about enrichment - supporting students to partake in ambitious experiences to enhance their applications for University, an apprenticeship or employment. Amy and Meghan have both had an unforgettable experiences which will stay with them for the rest of their lives!"

THE  
VI FORM  
ACADEMY

AN ACADEMIC SIXTH FORM





Amy A walking the elephants back to the sanctuary



Moments before the big Bungee Jump



African Dawn Bird and Wildlife Sanctuary







Meghan LJ and the Oyster World group



Treating an injured Lion



Shark cage diving

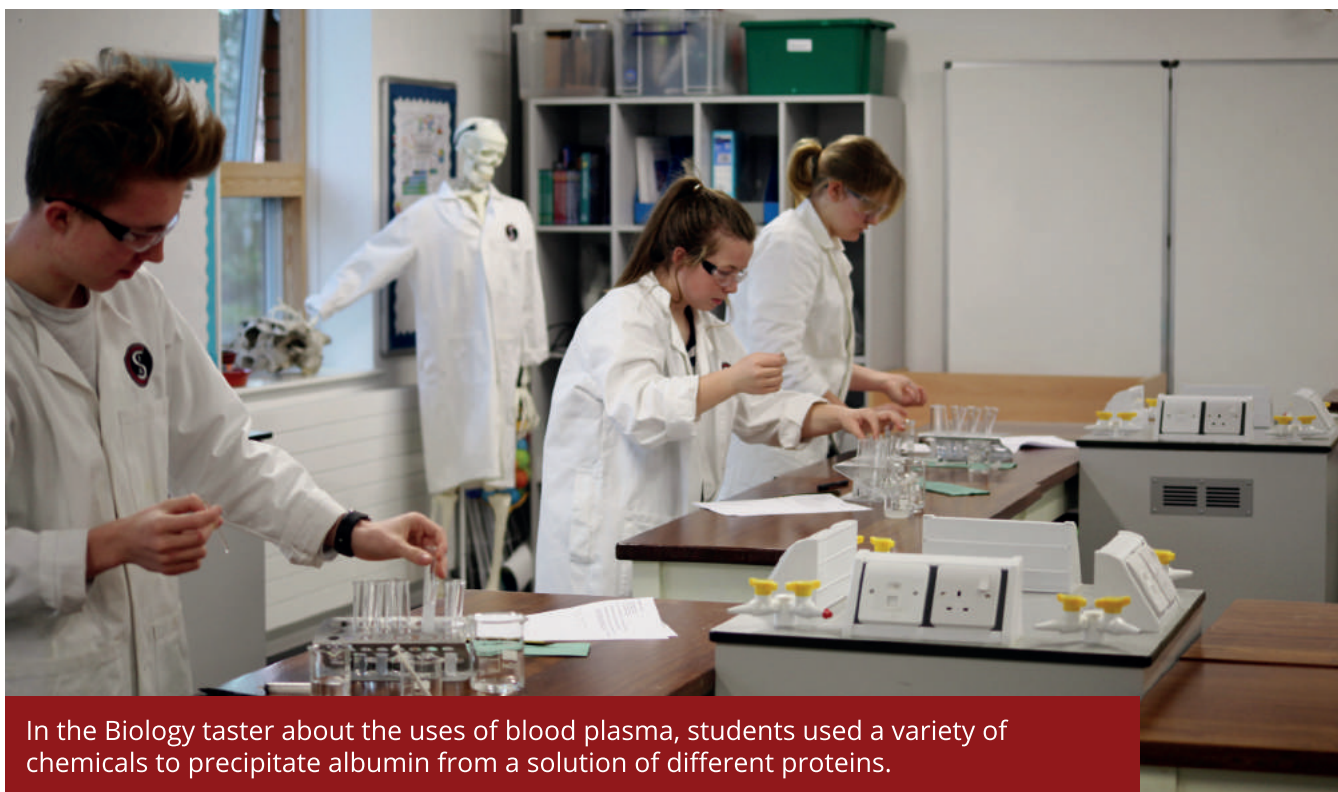


THE  
VI FORM  
ACADEMY  
AN ACADEMIC SIXTH FORM

Meghan LJ and the game keeper



# A buzzing atmosphere at the Nexus VI Open Morning



In the Biology taster about the uses of blood plasma, students used a variety of chemicals to precipitate albumin from a solution of different proteins.

## It was great to see so many enthusiastic Year 11 students join us for the Nexus VI Open Morning at the Nexus campus.

The Nexus VI programme is expanding to build on the amazing successes of this year, and students from all over Cornwall came to see what we offer.

The students and their parents heard from Dr Foster about the exciting programme that has been described as 'breathtaking' by NACE, the national charity for able children in education. The Nexus VI programme is designed for able students who intend to study STEM subjects at A Level. As well as studying Maths and Sciences at the Nexus campus amongst other students targeted As and A\*s at A Level, students will experience an unrivalled package of opportunities and support.

The students took part in a variety of taster workshops in Maths and Science to get a flavour of what learning at Nexus will be like for them if they choose to join Nexus VI for their Post-16 studies.

The aim of Nexus VI is to provide a springboard to the most competitive courses at the best universities; within the programme

there is a special stream for students destined for Oxbridge.

If you are interested in applying for the Nexus VI programme for 2018, it is not too late. Please contact [reception@nexuscsia.co.uk](mailto:reception@nexuscsia.co.uk) for further information or to arrange a tour of the campus.



The day gave students a taste of life in Nexus VI





## Cross Country Festival

**Wednesday 4th October, saw over 260 Key Stage 2 students, attend the first Cross Country Festival of the year.**

Aiming to encourage all runners to have a go and test themselves in preparation for the Cornwall School Games Finals in February. The races were split into Year 3, Year 4, Year 5 and Year 6 boys and girls events, all being led by talented CSIA runners. There was a fantastic buzz in the air from all competitors, excited to get the first races underway. As the Year 3 girls set off to open the festival, a mass of supporters cheered them along the route, including parents, grandparents, carers and other competitors. This atmosphere continued all through the afternoon, with several students showing the festival spirit and great sportsmanship, helping each other across the finish line! Winners of each race received a medal, with all competitors receiving a wristband for their collections.



# CSIA ATHLETES OF THE TERM

The Autumn term was full of lots of exciting events and activities for students and staff alike. The Playmaker Award were delivered to Schools, in order to generate a successful and effective leadership programme. As well as the development of Energy Clubs at break and lunchtime to encourage pupils to be active all day. All of these opportunities would not be possible without the hard work and support of the staff and parents within each Primary School; so a massive thank-you and well done!

## Playground Leaders Playmaker Award Training

**The first Primary Sports Alliance event for the new academic year, saw the delivery of the Playmaker Award Training to selected students from Years 5 and 6 from each Primary School within the cluster.**

Students were chosen to take part in a series of three training sessions, taking place on Thursday afternoons at CSIA. These students were selected based upon their leadership skills and confidence, to become Sports Leaders. Over 90 children were selected to take part in the training, which was absolutely fantastic!

During the training sessions, the students learnt how to work with pupils from other schools, how to communicate effectively and how to manage groups of children. At the end of the three weeks, the students worked together in small groups to take on the challenge of delivering an activity of their choice to the whole cohort.

At the end of the training, the sports leaders were all presented with certificates to show that they are now fully qualified sports leaders. They will now go back into their Schools to deliver lunchtime and break time activities for other students to help to get more students active in the school day.

## Year 3/4 Bisi Badminton Qualifier

**Over 80 children, attended the Year 3/4 Bisi Badminton tournament that took place at CSIA on Wednesday 1st November 2017.**

The year 3/4 event saw teams of 6 work through a series of stations, aimed at developing their badminton skills. These included, "Beat the Goalie", which developed the idea of aiming the shuttlecock away from the opposition and, "Zig Zag Rally", which worked on hand-eye co-ordination and racket control.

Many students had not had a lot of experience with badminton before the event, but there some fantastic co-ordination, spatial awareness and control on show throughout the day from the next generation of Badminton players! Congratulations to Trevithick who have qualified for the Peninsula Finals.



## GIRLS YEAR 7 NETBALL TEAM



## GIRLS YEAR 8 NETBALL TEAM





# Upcoming Spring Term Events

<b>Junior Athlete Education</b>	<b>Weekly from 9th January 2018</b>
<b>Hi 5 Netball Qualifier</b>	<b>7th February 2018</b>
<b>Get Active Festival</b>	<b>20th February 2018</b>
<b>SSOC Meeting</b>	<b>27th February 2018</b>
<b>Football Qualifier</b>	<b>28th February 2018</b>
<b>KS1 Multi Skills</b>	<b>13th March 2018</b>
<b>Get Active Festival</b>	<b>21st March 2018</b>
<b>Basketball Qualifier</b>	<b>27th March 2018</b>
<b>Year 5/6 Touch Rugby Qualifier</b>	<b>28th March 2018</b>



## Aimee-Jean H (Trevithick)

Aimee has represented Trevithick in numerous events throughout the term, including Badminton and Cross Country, where she dominated her races and continued to support and coach the younger runners in her team. Demonstrating all round athleticism to apply her skills to all sporting situations.

## Key Stage One Multi Skills

180 students from 7 Primary Schools attended the October Key Stage 1 Multi Skills Festival. This is the first event for many children who are new into the Primary Schools and their first chance to see Camborne School. The students showed no fear and had a go at every activity station throughout the morning, smiling all the way through! The stations were designed to develop and test physical literacy skills that are so important to the physical development of children.

The stations included running, jumping and throwing activities, as well as team work, balance and agility based activities. Despite the chill in the air, all students worked incredibly hard and had smiles on their faces throughout. "This was the best day ever!" said one student. "My favourite station was the obstacle course, I was really fast!" said another.

## Year 5/6 Badminton Qualifier

**10 teams took on the challenge of the Year 5/6 team Badminton tournament at CSIA.**

The event saw the teams of 4 competing individually for 2 minutes each, before handing over to the next member of their team, with scores being tallied throughout. This meant that every player counted towards the team's overall score and everyone had to give their all.

Some absolutely fantastic badminton skills were on display, with some rallies showing exceptional athleticism and talent in the sport that was new to so many students. Congratulations to Rosemellin Primary School, who qualified for the Peninsula finals to represent the cluster!

## Cross Country Qualifier

**On Wednesday 8th November, we held the final Cross Country festival of the year. Under a beautiful blue sky, over 150 children from Years 3, 4, 5 and 6 took to the ever challenging CSIA Cross Country Course.**

A fantastic sight to see so many parents, carers, teachers and support staff coming along to cheer on the runners throughout each race, which also led to a fantastic atmosphere throughout the afternoon. With the top 8 children from each race qualifying for the next round at Pool, every race was hard fought and each child gave their all.

This was another opportunity for the runners to put their training into practice, with difficult conditions under foot, pacing was crucial! Well done to all runners who have taken part in the Cross Country Events this term! Keep up the hard work in preparation for the finals!

## Key Steps Gymnastics Qualifier

**Developing links to local clubs is always important when encouraging children to take part in new sports and activities.**

Phoenix Gym in Camborne have been paramount in developing the next generation of gymnasts over the past year and it was fantastic to be able to have them host our Key Steps Gymnastics Qualifier again this year. Led by the extremely talented and supportive coaches at Phoenix, each competitor was given opportunity to use state of the art equipment and facilities throughout the competition.

The competitors were split into club and school competitors, with the top 4 from each, qualifying to represent the cluster in the Peninsula Finals in February. Phoenix Gym have also offered to run taster sessions for any Primary School within the cluster, either at the School or at Phoenix Gym as part of the community club link development.



# Super Saturday - Geography Geohunt!

**On November 11th, 24 budding Geographers came to CSIA to enjoy the Geography Geohunt. Students used the iPads to access QR codes that were linked to a number of exciting activities.**

These included drawing on the desks to learn how waterfalls were formed, using teamwork to describe pictures and watching videos to learn about Fair Trade chocolate. They even tried a GCSE Geography question and showed how brilliant they were at Geography!

The intrepid explorers met some of our older students, who did a

wonderful job of helping the Year 5's and 6's to navigate their way around the school. The Super Saturday Geographers had a chance to eat some tasty treats along the way, all of the students loved the Fair Trade chocolate, but not everyone was keen on eating the salt and vinegar flavoured crickets! A fantastic time was had by all!



Thomas and Daniel with Year 7 student Ben, finding out why some people who make T-shirts can earn low wages.



Adventurous Hannah trying some salt and vinegar flavoured crickets, which are a great source of environmentally friendly protein.



Learning how to do 4 figure grid references with Tilly.



Students attempting a GCSE question.



# Super Saturday - Witchcraft and Wizardry

**Hogwarts School of Witchcraft and Wizardry came to Camborne Science and International Academy for a spell-binding Super Saturday!**

witches and wizards discovered which Hogwarts House they truly belonged in. Filled with excitement, Gryffindor, Ravenclaw, Slytherin and Hufflepuff houses made their way from the Great Hall to their common rooms to get to know each other. Creative minds

workshop. Prizes were awarded for imagination, vocabulary and artistic presentation of their newly designed creature. Some of the most memorable creatures included a mysterious half-unicorn half-dragon and a terrifying flying spider with a scorpion tail!



Year 5 and Year 6 students enjoyed a morning of creative English activities, all inspired by the magical and well-loved world of Hogwarts. These activities ranged from creating their own potions to designing creatures in The History of Magical Creatures workshop.

Students were armed with essential wizarding materials: a parchment notebook, a hooting owl, a sense of curiosity and magic in the air; the budding young witches and wizards were prepared for a day of magic and mysteries. Many students dressed perfectly for the occasion: wearing real Hogwarts robes and carrying real wands! Participating schools included: Trevithick L.A, Devoran, Penponds, Stithians, Weeth, Portreath, Rosemellin, Roskear, Crowan, Sithney, and St Hilary.

The day began in traditional Hogwarts fashion: with a Sorting Hat Ceremony. The young

buzzing, they worked as a team to share how they became a witch or a wizard. Some students even admitted that they had made their siblings disappear!

Following a break in the Great Hall where students introduced themselves to members of other houses, students let their creativity run wild in the History of Magical Creatures

We finished off the day with Potions Class in the Great Hall. Students demonstrated their magical ability to create powerful and sometimes disastrous potions! Writing clear instructions, students worked together to create potions which included: positivity to change the world, invisibility and love. After designing their potions – students had the opportunity to create and test them out themselves! We are especially looking forward to seeing the positivity potion take effect! One young witch said "I enjoyed the potion making as it was deliciously fun and the designing of my magical creature because it was really creative!"

Overall a fantastic time was had by all and we look forward to hearing more exciting stories from the Super Saturday witches and wizards!





# Camborne Students experience incredible exchange to South Korea

**A trip of a lifetime was enjoyed by a team of eight students and two teachers from CSIA recently. The group travelled 5,900 miles via Hong Kong to Busan in South Korea for a unique two week adventure with the Korean Science Academy (KSA).**

"Our students follow in the footsteps of many others from CSIA who have visited the KSA as part of our longstanding exchange program, partnership and friendship between the two schools" commented James Curnow, Leading Practitioner in Mathematics at CSIA. "The students had a jampacked itinerary and thoroughly enjoyed a number of new and very valuable experiences, which they'll remember for a lifetime!"

The first day began getting to grips with Korean culture with presentations on the history and language, participating in traditional ceremonies and sampling the food. "At first it was quite a culture shock for students but it wasn't long before everyone fell in love with South Korea" commented Mr Curnow. "We had so many unbelievable experiences."

The group stayed in the student accommodation, ate three meals a day in the school canteen, attended lectures with experts in Science and Mathematics, and made the most of the excellent resources and facilities on offer.

"Excursions outside of the school included an incredible visit to the Science Museum, a historical museum showing the tragic past and subsequent transformation of South Korea, a futuristic Film museum, a visit to the largest shopping mall in Asia and participation in a traditional tea ceremony" commented Mr Curnow. "Travel around Busan was an experience in itself, bright lights and countless skyscrapers connected by complex road systems made for a backdrop so vastly different to anything in the UK - let alone Cornwall!"

The students were also provided with the opportunity to spend a weekend with their KSA buddie and host family, which "enabled them to further develop their cultural understanding and awareness." The students experienced a high speed train journey from Busan to the hustle and bustle of the capital city - Seoul, which was "a truly lifechanging experience."

"Seoul is the city which never sleeps and we all loved how buzzing

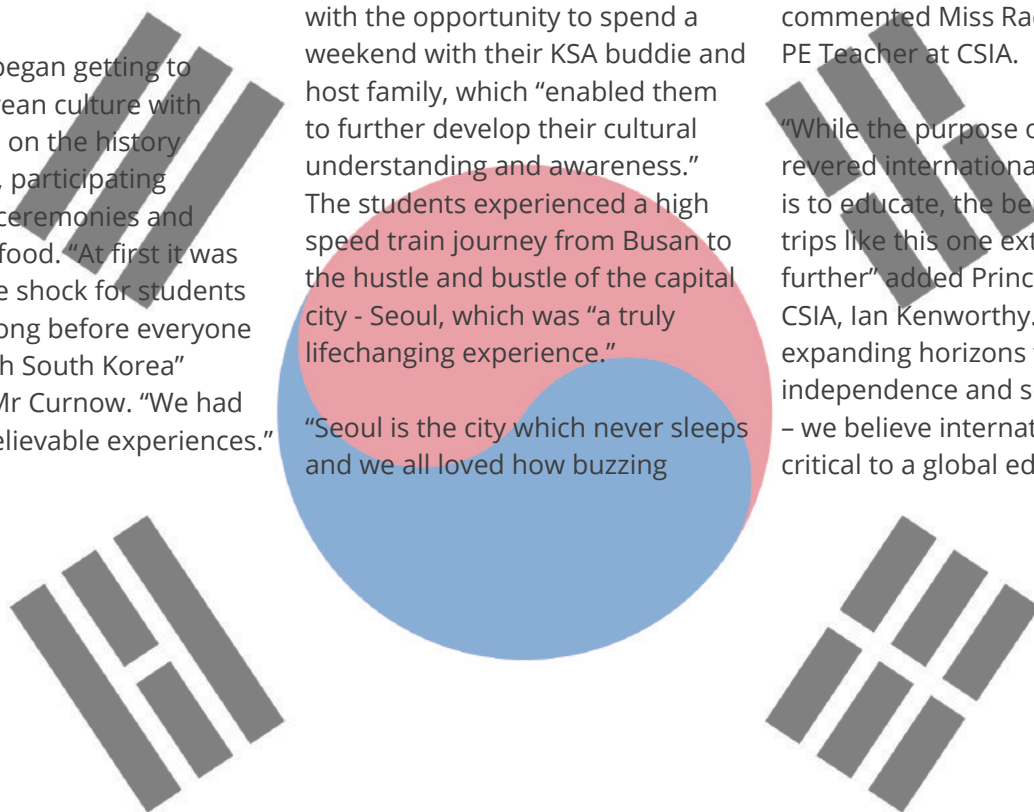
it was; the street markets and amazing food vendors!"

Throughout the duration of the trip, the students formed strong friendships with their peers from KSA. "It was great to see our students working and socialising with their Korean buddies" said Mr Curnow. "From the initial shyness and lack of common interests at the start of the trip, friendships were formed by the end, resulting in hugs, tears and gifts when the time came to leave!"

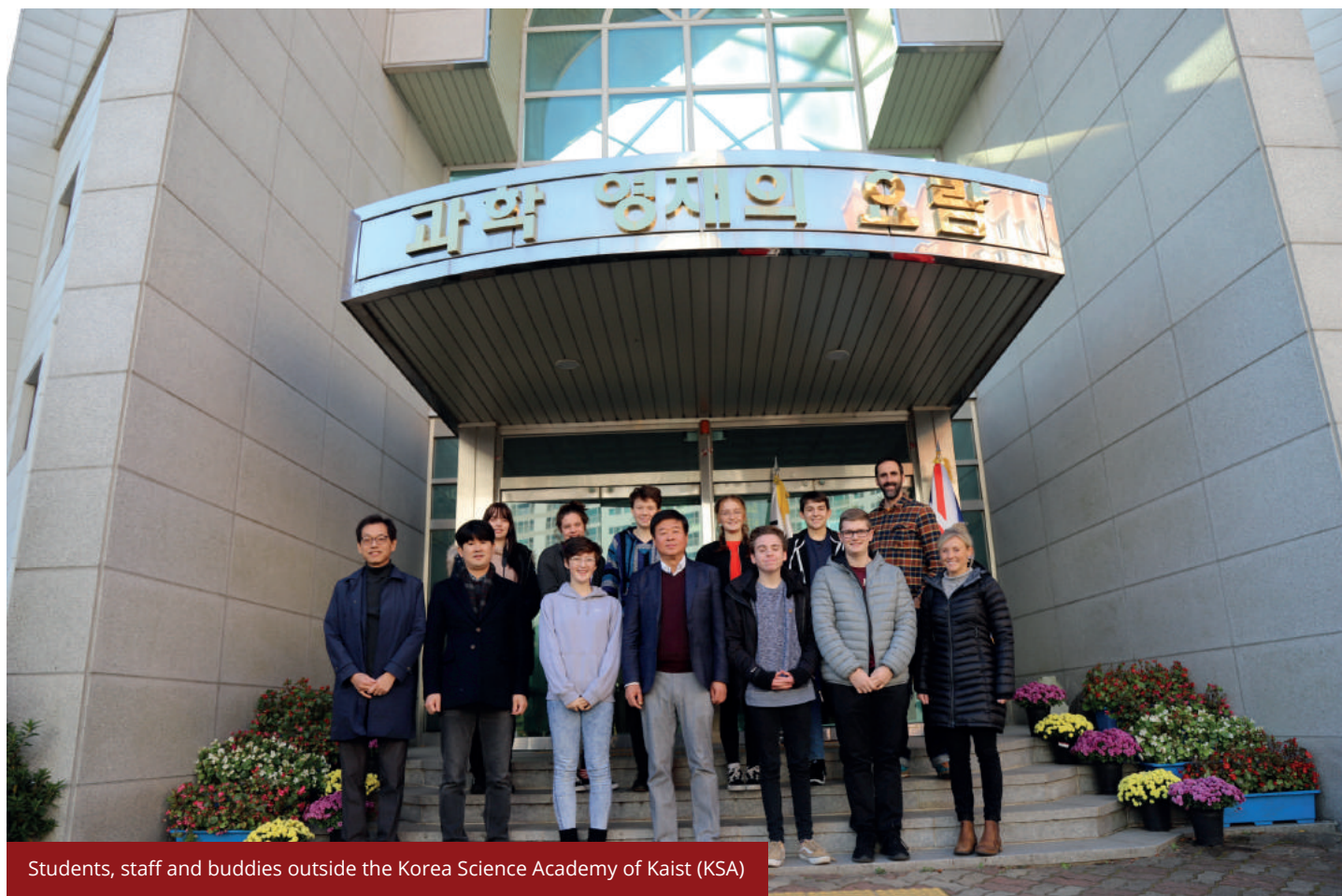
A number of KSA students will visit CSIA this year through the ongoing exchange program.

"What a fantastic trip; one which both students and staff will fondly remember for many years to come. It was a great privilege to have accompanied our students to South Korea and they were excellent representatives of CSIA" commented Miss Rachel Trevorrow, PE Teacher at CSIA.

"While the purpose of our revered international program is to educate, the benefits of trips like this one extend much further" added Principal at CSIA, Ian Kenworthy. "From expanding horizons to promoting independence and selfsufficiency - we believe international visits are critical to a global education."











Our students had a warm welcome at this traditional tea ceremony



Student and buddies with their certificates of participations at the end of the trip



New skills - students and buddies have a got at a pottery class





CSIA students and staff  
and the Busan National  
Science Museum



Experiencing the hustle and bustle of Seoul (the capital City of South Korea)



Students visit the Busan Cinema also known as  
'The Double Cone'



# Camborne students celebrate excellent results in Mandarin FCSE Exams

**Students at Nexus, Camborne Science and International Academy's STEM Centre of Excellence, recently sat the first unit of their FCSE exams in Mandarin, with all students passing with merit or distinctions.**

"At CSIA, we are very proud of our links with high-performing schools worldwide, offering the very best educational opportunities here in Camborne," said Dr Jo Foster, director of Nexus and the Gifted STEM Programme.

"We have very strong relationships with a number of schools, including in Singapore and China, and

learning Mandarin as well as the culture of these countries is an important part of the curriculum at CSIA."

Student Faith Cortis said: "I feel very lucky to be able to study Mandarin so I put my all into it. I'm so happy with my result and I can't wait to keep learning more of the language."

Students have been able to choose to study Mandarin as one of their co-curricular choices at Nexus since September 2016. "We believe that learning another language is a gateway to the world," said principal Ian Kenworthy. "Mandarin is spoken by over 955 million native speakers which is more than any other so essentially, our students

are unlocking the potential to speak a very significant language.

"It enhances a student's sense of achievement and for many, it's the beginning of a skill that will lead to better future choices at college, opportunities for travel and inspiring job opportunities."



Students study Tang dynasty poetry and do their own calligraphy in Beginners' mandarin.



Faith C who achieved two distinctions in her recent Mandarin assessments



# CSIA Students challenge global issues in Japan

**Students from CSIA have recently returned from Kyoto, Japan, after taking part in the Rits Super Global Forum. The forum gave the students a fantastic opportunity to meet young people from countries around the world and to discuss challenging global issues on the theme of education.**

They also had the chance to immerse themselves in Japanese culture by living with a home-stay family for majority of their visit. 'It was fantastic. Our homestay families made us feel so welcome and gave us an incredible insight into an amazing culture' said Rhiannon, one of the CSIA students who attended.

During the forum, which was hosted by Ritsumeiken High School, the students: Ellie W, India K, Caitlin O, Erin N and Rhiannon D each

attended discussion groups dealing with topics as diverse as the impact of natural disasters on children's education, child labour and gender inequality. The opportunity to debate these important issues, and to gain different perspectives on them, was one that all of the students relished.

The forum culminated in a panel discussion with Erin, being chosen as one of five to speak on the panel. This was a fantastic honour but reflected the way that she had engaged with the discussions and impressed the forum organisers. 'The quality of discussion and debate was very high as students dealt with complex but very important issues.

Our students were fantastic ambassadors for CSIA and showed themselves to be incredibly articulate and very well informed throughout' said Kathryn Finn, Head of Geography at CSIA.

Another highlight included the cultural performance where all

of the schools in attendance showcased their talents. This included an incredible dance performance from the CSIA students, which was very well received.

During, and in the days following, the forum, students had the opportunity to explore Kyoto and the surrounding area. A visit to Osaka Castle, shopping in the markets of Kyoto and a train ride to visit the world's largest Buddha statue gave students a taste of an incredible country. 'From navigating the train system to ordering and tasting sashimi, the students embraced every opportunity and new experience' said Tim Williams, CSIA Humanities teacher.

The CSIA students and staff who attended would like to thank our incredibly welcoming hosts at Ritsumeiken High School and all of the other staff and students, from 10 countries all around the world, who made the forum such an incredible thing to be a part of.



Students Erin N, India K, Rhiannon D, Ellie W, Caitlyn O dance an excerpt from Mary Poppins "step in time" for the Cultural Performance.







ABOVE:  
Rhiannon D, Mr Tim Williams, India K,  
Erin N, Mrs Kathryn Finn, Ellie W and  
Caitlyn O.



LEFT:  
Taking time to experience some of the  
Japanese culture and incredible iconic  
architecture.

BELOW:  
Students and tutors gather amongst  
the entire Rits Super Global Form.





# Celebrating students' exam successes at Awards Evening

**Camborne Science and International Academy celebrated the success and talents of its A-Level and GCSE students at its annual Presentation Evening where over 400 guests, students, teachers and parents were in attendance.**

"It was an incredible evening; a particularly enjoyable and memorable occasion where awards were presented for A-Level and GCSE performance in the full range of subjects and for best overall performance" commented Vice Principal, Emma Haase. "It's always such a highlight of the school calendar and this year was no exception. It was amazing to see students, parents and staff beaming with pride."

The Richard Bath Trophy for Outstanding Academic Achievement at A-Level was presented to Peter Newing and the Penventon Shield for the GCSE Student of the Year was presented to Sophie Morris.

"There were also awards for the Sixth Form Head Boy/Head Girl and Deputies from last year and Nathan Callaway, Gwyneth Lawrence, Giorgia Holding, Annie Clemo, Lois Symons, Yasmin Quatey, Tristan Reynolds and Hannah Curtis were all thanked for their contribution to the success of the VI Form that went far beyond the expected."

The Stone Computer Award for Information Technology 2017 was presented to Connor Francis and the Pastoral Award was presented to Chelsea Warne for

her commitment in supporting the wider school community.

This year's awards were presented by Mrs Nicki Burgess, Governor, Mr Tim Johns, Governor, Mrs Claire Harvey, Governor, Mr Nigel Jeffery from the Penventon Hotel, Ms Danni Perry, Head of VI Form and Mr Ian Kenworthy, Principal of CSIA.

"Sophie Stephens, Eloise Golding and Callum Wilton entertained guests with their exceptional musical performances of Hello by Adele, Rise Up by Andra Day and No Rag Time by Zivkovic!" commented Mrs Haase. "We have such incredible talent here at CSIA and that's why our celebration evenings are so important."

In his address, Mr Ian Kenworthy spoke of his pride and privilege at leading such an outstanding school, congratulating 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 state secondary schools in Cornwall for the fifth year running.

"We're incredibly proud of our students here at Camborne Science and International Academy. Their commitment and determination to give their absolute best at our school, and the support of their parents and families is truly admirable. It continues to pay dividends."



Sophie Morris and Nigel Jeffery with the Penventon Shield (Best GCSE Award)





Chelsea Warne – Pastoral Award



Oakley Smitham – GCSE PE Award



Reuben Cauchi (A Level Chemistry Award), Jamie Masters (A Level Product Design Award) and Ryan Williams (A Level Maths Award)





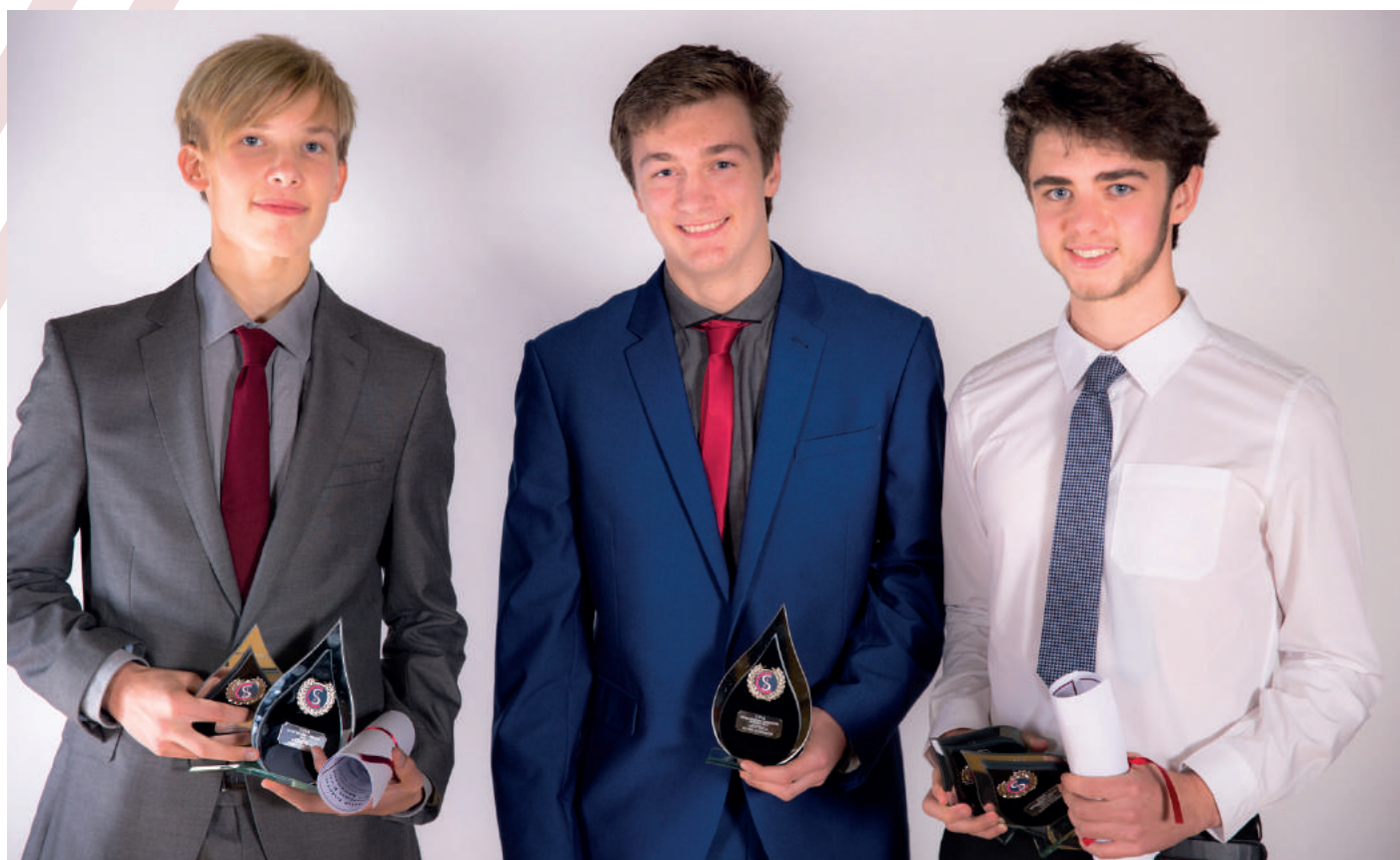
LEFT:  
Joel Bosley – A Level Media Award,  
A Level Photography Award, A  
Level Media Award

RIGHT:  
James Hedge (GCSE Drama Award  
and GCSE Geography Award),  
Peter Davison (GCSE Graphic  
Products Award) and Aaron  
Thomas (GCSE English Award and  
GCSE Music Award)



LEFT:  
Georgia Doe and Ellie Hocking  
with Level 3 Health and Social Care  
Awards.

RIGHT:  
Peter Newing with the Richard  
Bath Trophy and the A Level  
Further Maths Award





# The VI Form Academy Winter Ball

**The 2017 VI Form Winter Ball was the perfect way to celebrate all the hard work of students and staff during the first term of the 2017-2018 academic year.**

On a cold winter's evening there was a warm welcome for the guests at the Gwel an Mor Portreath. Celebrants arrived for cocktails in the yurt before staff and students – both past and present – waltzed into the beautifully decorated main hall for dinner and the dance.

The formal three course meal included starters of soup, duck terrine, or mackerel pate;

followed by turkey, hake, lamb, or aubergine; and was finely rounded off with cheesecake, crème catalana, or the ubiquitous Christmas pudding.

Student Leaders including Aaron, Cameron, Grace, Kathryn, Laura, Martha, Matthew, and Orlah wrapped up the formal part of the evening with speeches to those in attendance saying “thanks to the VI Form team for all the support and helping students as they work towards their dreams”.

With tables cleared to make way for the dance floor the venue rocked to a cacophony of music, dancing, laughter, and conversation whilst students enjoyed the DJ set, the

photo booth, and the time to relax.

Mr Ross, the Director of the VI Form, said “it is fantastic to see the new intake of VI Formers’ integrate so quickly into the family that is the VI Form”.

Mrs Belshaw, the Vice Principal with VI Form responsibility, said “Thanks to the student leadership team and all the staff who supported this event - it will be truly memorable for many of our students and a positive end to the year before many face the exciting challenges of next year”.







Staff and students celebrating another successful year of hard work at the VI From Academy Winter Ball.







Camborne Science & International Academy is hosting another programme of inspirational Super Saturday Workshops for Gifted and Talented Year 5 students from our partner primary schools.

## 2018 Dates

20th January – Science: Light It Up

3rd February – Olympic Maths

24th February – P.E: The CSIA Olympic Challenge

10th March – Drama: Opening Pandora's Box

24th March – English: The Detectives Tales



**Go to our website for more details!**

If you would like to book a place on any or all of the above workshops, please fill in a booking form on our website, call on **01209 712280** or email **[supersaturdays@cambornescience.co.uk](mailto:supersaturdays@cambornescience.co.uk)**



**CAMBORNE SCIENCE  
& INTERNATIONAL ACADEMY**

