

Learning to be Extraordinary



Congratulations Class of 2019!

Extraordinary students - excellent examination results yet again. Many thanks to our passionate and committed teachers and staff, our talented and hard working students and our fabulously supportive parents/carers.



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

Spectacular GCSE Success for CSIA Students

Huge grins and cheers could be seen and heard around CSIA as students received their GCSE results in the summer holidays.

With a 99% overall pass rate and nearly 70% passing in the critical grade 4+ English and Maths criteria, there were smiles and jubilation around the school.

One student who was delighted with their results was Naomi J, who received 9 GCSEs at grades 8/9 or equivalent and has secured a place amongst other very able students at Cornwall School of Maths and Science (CSMS), part of CSIA's VI Form Academy, to study for A levels in Mathematics, Further Mathematics, Physics and Economics. She said, "I'm thrilled with my results and I am excited be to studying at CSMS".

Biology and Chemistry. She commented, "I am completely shocked and delighted. This means that I can join CSMS and pursue my dream of applying for Oxbridge".

"We are all delighted that the efforts of students, their teachers and support staff have been so emphatically rewarded. These results are a great achievement built upon the combined efforts of very many people," said



William S



Ryan C

Principal, Ian Kenworthy, praised students for their outstanding GCSE results, commenting, "We are delighted with this year's results and congratulate all our students and staff who have worked incredibly hard. We are particularly pleased with the results in Mathematics, English and Science, which were outstanding and reflect our specialist status as a centre of excellence in Science and Mathematics teaching. Thanks to the dedication, commitment and quality of teaching, the support of parents and the wider school community, we have recorded another fantastic set of results".

Ryan C, who achieved 9 GCSEs at grades 8/9 or equivalent and will go onto study A levels in Mathematics, Further Mathematics, Physics and Computer Science at CSMS. He commented, "I am really pleased with my results and I am looking forward to studying A Levels in the VI Form".

Molly C, who achieved 9 GCSEs including 5 at grade 9 and a prestigious A⁺, which is awarded to a few students who achieve even higher than an A*. Molly will join Naomi and Ryan at CSMS and is taking A levels in Mathematics, Further Mathematics,

Emma Haase, Vice Principal at CSIA. "It is always such a delight to see the reactions of students who are so deserving of these wonderful results, not just those who achieve the highest grades, but all those who have exceeded their own expectations."

CSIA looks forward to welcoming the vast majority of its students back to The VI Form Academy in September and with such excellent results, expectations are high.



Aramis P, Tia F and Bethany L



Kezia having just opened her results



Mia R receives her results



Molly C



Naomi J



Emma J



Jacob M



Students were thrilled with their achievements

Outstanding A-Level Results for the VI Form Academy

Years of hard work and study were rewarded today when students at The VI Form Academy at CSIA received their A level results.

The school is once again celebrating with a 100% pass rate across all courses, with 41% of grades being A* - A and 85% of grades being A* - C grades or equivalent. These results are likely to ensure the VI Form Academy remains in the top 25% of the country. Students studying mathematics achieved nearly 60% A* - A grades. Students studying A levels in Science subjects achieved 75% A* - B. In the vocational subjects, the average grade achieved was a Distinction*.

Among those with the most to celebrate were the following students:

Eliza H who is going to Bristol University to read for a BVSc in

Veterinary Science after gaining A* grades in Chemistry and Mathematics, an A in Further Mathematics and a B in Biology.

Matthew B who is going to Swansea University to read for a Masters in Medical Engineering after gaining grade As in Mathematics, Biology and Product Design.

Cameron C who is going to Exeter University to read for a BSc in Computer Science after gaining A grades in Computer Science and Mathematics and a Distinction* in IT.

Chloe F who is going to Bristol University to read BSc Cancer Biology and Immunology after gaining A* in EPQ, A's in Biology and Chemistry and a B in Mathematics. She commented, "I am very relieved now. I had a very positive experience at The VI Form Academy and can't wait to start University."

India K who is going to Bristol University to read for a BA in Law with grade A's in English Literature and History and a grade B in Religion, Philosophy and Ethics. She commented, "How was I this morning? Nervous but I feel amazing now! I'm studying Law at Bristol and can't wait. Thanks for the amazing support throughout my time at The VI Form Academy."

Vice Principal, Sarah Belshaw, commented, "Warmest congratulations to each and every one of our students for their incredible results. These results coupled with the wider experiences and skills gathered at our VI Form really give students the competitive edge in Higher Education and the workplace. We believe that they will leave our academy as resilient, ambitious and well rounded individuals who have very exciting futures ahead of them!"



Eliza H



Emily M



Chloe P



Aaron T



Jools D



Matthew B, Joe E, Annabel H

Young Achievers Earn Their Place in the Spotlight

Parents, governors, primary headteachers and staff gathered at CSIA to celebrate the success of their Year 7, 8 and 9 students, at the school's annual 'Celebration of Achievement' event.

have here," said Vice Principal Mark Fenlon. "The evening is always such a highlight of the school calendar and this year was no exception. It's wonderful to be able to recognise our students and their hard work throughout the year."

The audience were entertained with outstanding performances from Lola G of Year 7, and Corey W and Anya A, both of Year 9. Camborne Youth

"We have a culture of success at our school and of being proud of personal achievement," commented Mark Fenlon. "It was a very successful event and great to see so many of our young people rewarded for their efforts and perseverance. The evening not only reflects the incredible hard work and enthusiasm of our students, but also the staff. Everyone plays a crucially important role in making our Academy



Youth Speaks Competition Winners, Lily M, Josie W and Isla R

The evening saw over 400 guests attend to see awards presented for outstanding academic achievement and commitment in the full range of subjects.

"We are very proud of our CSIA students and everything they have achieved this year; they all play an instrumental part in making our Academy such a highly regarded and revered school. "Events like this showcase what incredible talent we

Band showcased again with wonderful performances.

Certificates were given for Outstanding Academic Achievement and Commitment, to students of Merit and Distinction, followed by plaques and trophies for the Youth Speaks Award, The Moffat Music Cup, The Godrevy Plate Award, House Awards and presentation of the Sports Person and Student of the Year shields.

such a wonderful place for students to learn and fulfil their potential."

"The Celebration of Achievement evening never fails to enthuse and inspire the whole school community. A huge congratulations to all of our winners!" added Vice Principal, Mrs Emma Haase.



Nedus V



Imogen M



Holly W



Alice F



Alfie B



Oscar H



Plaque & Trophy Winners

The Youth Speaks Award –
Lily M, Josie W and Isla R
The Moffat Music Cup – Corey W
The Stuart Soloman Award – Freya T
The Godrevy Plate – Lily H

House Awards

Maori Top Scorer – Monty R
Abenaki Top Scorer – Amelia M
Masai Top Scorer – Aly C
Aztec Top Scorer – Kian T
Maori Outstanding Contribution – Lana S
Abenaki Outstanding Contribution – Piran W
Masai Outstanding Contribution – Anna B
Aztec Outstanding Contribution – Chelsea G

Sportsman of the Year

Year 7 Sportsman of the Year – Jacob K
Year 8 Sportsman of the Year – Greg E
Year 9 Sportsman of the Year – Ben S

Sportswoman of the Year

Year 7 Sportswoman of the Year – Heidi M
Year 8 Sportswoman of the Year – Alice F
Year 9 Sportswoman of the Year – Imogen M

Student of the Year Shields

Year 7 Female Student of the Year – Lily M
Year 7 Male Student of the Year – Oscar H
Year 8 Female Student of the Year – Holly W
Year 8 Male Student of the Year – Alfie B
Year 9 Female student of the Year – Abbie N
Year 9 Male Student of the Year – Nedas V



Year 11 Students Rewarded with Super Celebration

Year 11 students were given the red carpet treatment at their end of year prom on Thursday 4th July.

Assistant Principal, Naomi Godolphin, paid tribute to an “amazing” cohort saying, “An incredible evening was had by all and as always, our students were a credit to our academy.”

The prom was held at Tregenna Castle, with over 160 students arriving in glamorous evening dresses and tailored suits to a huge crowd of family, friends and staff for an evening to remember.

Arriving in an imaginative array of ways, from shiny sports cars to vintage classics and super-stretch limos, the glitzy evening began in style.

“Our students joined us for an evening of celebration for what has been a fantastic five years,” commented Naomi. “The event always creates such a sense of excitement and it certainly lived up to everyone’s expectations!”

Students and staff enjoyed a three-course meal before filling the dance floor which was packed to the very end. “Since joining our academy, our students have experienced and achieved a great deal and it was a pleasure to share in their well-deserved celebrations. We are looking forward to welcoming the year group back to the VI Form Academy,” said Naomi.

“It has been a demanding few months for our Year 11 students who have shown incredible dedication and maturity in preparing for their GCSE exams,” said Naomi. “We wish them every success this summer when they collect their results which they have worked so hard for.”

Staff remarked how proud they were of the students. “As we watched them arrive, we were reminded of just how far they’ve come over the last five years. It was such a special evening for the academy and one that we and the students will always remember.”

“We’re so proud of our students who have been superb throughout their time at CSIA. They have been so committed to their studies and determined to reach their potential,” added Mark Fenlon, Vice Principal. “They have made lifelong memories at the school and we would like to wish all of our students every success in the future.”





More than 800 Students Get Involved in Sports Day

On Wednesday 10th July, a record number of students at CSIA enjoyed Sports Day at Carn Brea Leisure Centre.

“Our annual Sports Day was a massive success seeing students of all ages competing in various events, and having a fantastic time together!” commented Fi Rowles Jane, Head of PE, Sport and Dance. “Our House Teams competed against each other in year groups and there was so much friendly rivalry and enthusiasm throughout the day.”

Rowles-Jane. “A large number of Year 10 sports leaders assisted at each event and it was fantastic to see so many of them supporting the activities and ensuring the day went smoothly.”

Students not only competed on behalf of their tutor group but their achievements also counted towards the House competition, with House Aztec winning overall champions on the day.

Laticia, a student in Year 10 commented, “It was great to see so much team work and sportsmanship

supportive of their peers which was fantastic to see”.

At the end of the day, Simon Horner, Vice Principal, presented the overall tutor group winners in Year 7, 8 and 9 as well as the overall house winners, as a fitting grand finale. “All of our students showed determination, team spirit and a real passion to achieve. All the students and parents thoroughly enjoyed the day of activities,” added Mrs Rowles-Jane.

“It’s fantastic to play sport and be active for health reasons, but there



Vice Principal Simon Horner, Luke and Caitlin Year 9 Tutor Group Winners

CSIA's Sports Day is “designed to be exciting, challenging and rewarding, a day which our students look forward to all year.” The students took part in various events including track, shot put, discus, javelin, long jump and high jump.

“Each student within a tutor group selected an event and competed to the best of their ability on the day,” said Mrs

even though we were competing against each other!”

“The atmosphere was lively and exciting with spectators cheering loudly!” said Mrs Rowles-Jane. “The day always illustrates that sport is so diverse with many opportunities to get involved and be active. Our students showed fantastic sportsmanship throughout the day and they were very

is so much more to Sports Day than that,” added Mr Kenworthy, Principal. “Sport enhances mental and physical development and allows young people to learn some key skills for life, the importance of training hard and practising regularly, the need for self confidence and determination as well as teaching leadership and respect. We congratulate everyone who took part in the day!”



Layla and Megan Year 8 Girls



Zara pushing her limits



Ade flying high in the Year 8 Boys Long Jump



Jacob K, Ellis C, Owen R



Sapphire and Georgina Year 9 Girls Relay



Owen running Year 7 Boys the 800m



Dedication being shown in the 800m

INTERNATIONAL PROGRAMME

The International Programme for the Year 2019/20 (Outgoing)

October 2019	Canada Science Fair – Canada
November 2019	Exchange Visit – Mahidol Wittayanusorn School – Thailand
November 2019	Japan Super Science Fair – Kyoto, Japan
November 2019	VI Form Exchange – China
November 2019	Exchange Visit – South Korea
November 2019	Exchange & Super Science Fair – Kyoto, Japan
November 2019	Humanities Conference – Kyoto, Japan
January 2020	HWA Chong Science Fair – Singapore
January 2020	Japan Super Global Forum – Kyoto, Japan
January 2020	ISSF Exchange – Kamnoetvidya Science Academy – Thailand
March 2020	Exchange Visit – St Odolptus – Holland
May 2020	International Maths Challenge – Singapore

Where will it
take you?



The Year 10 Summer Social Event

In June, Year 10 students were invited to the Summer Social at the Penventon Park Hotel.

The Summer Social provided an opportunity for students to take part in games, eat copious amounts of lovely buffet food and dance their socks off in the disco. Lots of fun was had by all!

This trip was a new idea for this academic year and was well appreciated by students and staff alike. Year 10 should be incredibly proud of themselves for the way that they have approached their examination period and were well deserving of a treat. Well done Year 10!



Year 10 Work Experience Success

Year 10 students were involved in placements across the country in July.

Our students have excelled themselves whilst on work experience in a variety of placements across the county such as doctors, vets, engineers, solicitors, hospitality and teaching.

The feedback we have received from employers has been absolutely outstanding with students being praised for their maturity, intelligence, resilience and politeness.

Year 10 students have been given their own projects to complete involving finance; designing interiors; illustration; programming satellites and much, much more. We are very proud of their achievements.



Philippa H at Rosemullion Veterinary Practice

Cultural Visit to our Capital

Over 30 students took part in a trip to our capital city in July.

The aim of the tour was to take in the sights of the city, visit some of London's most significant museums, experience the theatre of the West End and develop an understanding of our democratic system through a tour and workshop at The Houses of Parliament.

Students from Years 7-9 made the journey to London, enjoyed a wide range of activities and enjoyed three full days of fun.

The London Eye

The students enjoyed dinner out in The Big Smoke before walking to the London Eye to take in the views of the wonderful London skyline.

The Houses of Parliament

This was the highlight and the primary

focus of the trip and described by one student as a 'once in a lifetime experience'. Students were invited to take a tour of The Houses of Parliament, which included watching a live debate in both the House of Lords and the House of Commons. It was a valuable opportunity to see democracy in action. The tour also provided an insight into the evolutionary process of democracy, including an explanation of the beautiful 'New Dawn' artwork, created as a tribute to the thousands of campaigners who paved the way for universal suffrage, gaining equal voting rights to men and women.

Students were also treated to a workshop which involved planning political campaigns and debating topical issues. They were then joined by our local MP George Eustice and BBC South West Political Editor, Martyn Oates (himself a former

CSIA student). The students asked intelligent and thought provoking questions and gained an insight into the political world.

Science Museum

Later that afternoon, students had the opportunity to explore the delights of the Science Museum. Immersing themselves in the Wonderlab, they were able to explore all aspects of science in a fun and creative way. We interviewed Bou Brian about the WonderLab and she remarked that, "The best part was that we got to electrocute each other!"

Wicked

The end of a busy day was rounded off with a spectacular performance of the hit musical Wicked. Packed with powerful songs and dazzling choreography, many students found this to be a high point of the trip.

Imperial War Museum



The trip ended with a fascinating visit to the Imperial War Museum



Students enjoyed a view of London from 135 metres during a flight on the London Eye

The final day was spent taking in the highly informative and engaging Imperial War Museum. Students absorbed information about twentieth century conflict, witnessing real spitfires and replicas of the trenches. They were all stunned at the size of the planes and learned so much from the experience. One student remarked, "It was amazing to see what life would have been like for a person living through a war."

This thoroughly rewarding and enjoyable trip enabled students to explore some of the highlights the capital has to offer. Students were fine ambassadors for the school and engaged with all aspects of a fully packed three days of fun and education.

Written by students Aaron M and Mia S.



Students posed questions to George Eustice MP and Martyn Oates (BBC Southwest Political Editor)



Prefect Appointments

As we move into the new academic year, we are delighted to welcome on board our new team of prefects.

CSIA prefects play a crucial role in the running of the school, supporting staff at a range of key events across the year, as well as providing support and guidance to students on a daily basis.

Prior to their appointment, the new prefects were put to the test

in a rigorous interview with senior members of staff. They demonstrated outstanding attitudes and enthusiasm towards the school, topped with a great personality and high levels of ambition. After the interview process, the prefect applicants undertook a week of trial duties in which they acted as

role models whilst supporting staff to manage areas of the school at lunchtime.

Well done and welcome on board to the new prefect team!

Camborne Welcomes International Guests

Fifteen guests from Canada and South Korea enjoyed the best of what Cornwall has to offer, whilst being hosted by CSIA.

The exchange students, from Fort Richmond Collegiate and the Korean Science Academy, stayed with host families locally and were looked after by CSIA buddies.

“Yet again, we’re delighted to have showcased what a fantastic part of the world we live in and to have integrated our visitors into our school community,” said Miss Paula Tippet, International Education Coordinator. “They enjoyed many lessons across our subjects at both CSIA and NEXUS, as well as a whole variety of cultural and tourist spots across the county.”

Guests also experienced the Seal Sanctuary in Gweek, where they saw first hand the many devastating effects of plastic pollution on our wildlife. Feadon Farm was a hit with the Biologists. St Michael’s Mount and the Minack provided an excellent opportunity to witness true Cornish architecture, setting the scene beautifully. The weather throughout also allowed Cornwall to be seen at its best.

CSIA students from Year 9 to 11 made up the hosting group, with some of them having already visited their international student in their respective countries, while others will be travelling to see them in the Autumn Term. “The connection we have to our international schools is very special with lifelong friendships and networks being forged across the globe.”

The beach was, as always, their favourite destination and every visitor enjoyed eating Cornish pasties and strawberries with cream. “We were delighted to unite the unique experience of cultures from the Far East and Canada with our students here in Camborne, Huge thanks are due to our hosting families and our students, who were exceptional ambassadors for the school.”

The International Programme has been an integral part of CSIA for over a decade and continues to provide invaluable experiences for all involved. Many partnerships from previous exchanges have met again and are even now at University together in the UK. CSIA is very proud to support our students in becoming global citizens and to be inspired by the multitude of opportunities which lie ahead.

Mindfulness Fortnight

Students at CSIA explored the meaning and benefits of mindfulness over the course of an exciting two weeks.

The first week comprised of tutorials and an assembly to teach students the meaning of mindfulness. Students also learnt many invaluable strategies which they could use both in and out of lessons in order to improve their emotional wellbeing. Breathing meditation and focusing on the positive were two of the strategies that were the most popular amongst the students. Many teachers also planned mindfulness activities into their lessons, whether this was calming music on entry, or a five minute task to allow the students to be mindful in order to refocus their brains.

The second week involved the launch of lunchtime mindfulness activities, which were designed to provide time for students to focus on relaxing and building positive relationships with one another. Lunchtime activities included: A picnic in the Japanese garden where picnic blankets and snacks were provided in order to create a peaceful space; a chill and chat room; a quiet reading room; outdoor art; mandala colouring and sports activities such as dodge ball and rounders. Students across all years attended the activities and feedback shows that their concentration and achievement levels were positively affected by this project.

Great thanks need to go to the KS4 Student Parliament Team for planning and organising such a wonderful two week focus.



Students enjoying a picnic in the Japanese Garden

University Taster Day

Year 12 spent their PSHE Day in July at the University of Exeter experiencing what it would be like to study at a Russell Group University first hand.

They took part in lectures on how to choose the right course for their UCAS applications, a question and answer session with current Exeter students and had an extensive tour of the impressive facilities. They then had a taste of city living by heading into the centre for lunch and shopping. An excellent and informative day was had by all.





Cornwall School of Maths and Science Visit University of Cambridge

Year 12 students in CSMS travelled to Cambridge this term as part of the Oxbridge stream.

These high achieving, ambitious young adults have set their sights on gaining a place at one of the top universities in the UK.

Eight students left Cornwall in the early hours and travelled to Cambridge on the train. After a smooth journey which included a quick trip on the underground they arrived at Downing College, one of the constituent colleges of the University. They were lucky enough to be staying in college

accommodation in beautiful student halls.

After a tour of the college with Mr Chapman they then took to the city centre to explore the historic buildings and learn all about some of the amazing scientific breakthroughs that have occurred in the hallowed halls of the old Cavendish Laboratory, including the discovery of the electron. The students also visited the Sedgwick Museum of Earth Sciences where they came face to face with a cast of the most preserved *Iguanodon* skeleton ever found.

On day two, after a hearty breakfast in the Hall, the students were off to take

part in the University Open Day. They toured the various departments and colleges that make up the University and even got to look around one of the University's one hundred libraries.

As part of the Oxbridge stream, we provide our most able and ambitious Science and Mathematics students with a bespoke package of support with their applications to elite universities in the UK and abroad which includes personal statement writing workshops, intensive interview practice, and vital entrance exam preparation.

The Mathematical Bridge is among Cambridge University's most recognizable landmarks.

Cornish Secondary School Team Competition

The Cornish Secondary School Team Competition was held in glorious sunshine on Tuesday 9 July 2019 at Pendarves Equestrian Centre, by kind permission of Mr & Mrs Weedon.

Many thanks to the brilliant judges: Michaela Murrish (show jumping), John Murrish (course builder); Christina Carson and Sue Ferris (Tack and Turnout); Emma Haase (Organiser); Tracey Harvey (Rosettes). Many thanks to all those who helped make this such an enjoyable day for all those taking part: the Western Pony Club committee, Pony Club members and CSIA students (Arena Party).

CSIA entered four teams across the Open and Novice sections gaining fantastic results.

Open Teams - Tack & Turnout

- 1. CSIA
- 2. Helston Community College
- 3. Penair School
- 4. Sir James Smith's Community School

Open Teams - Show Jumping

- 1. Penair School
- 2. Sir James Smith's Community School
- 3. CSIA
- 4. Helston Community College

Novice Teams - Show Jumping

- 1. CSIA - Red Barons
- 2. Helston School
- 3. Mullion School
- 4. Redruth School
- 5. Polwhele House School
- 6. CSIA - Red Devils

Individual Rosettes - 70cm 75cm class

- 1. Redruth School
- 2. Redruth School
- 3. Erin J (Riding Tilly) CSIA - Red Barons
- 4. Charlotte V (Riding Lottie) CSIA - Red Barons
- 5. Erin J (Riding Maizie) CSIA - Red Barons
- 6. Mullion School

Individual Rosettes - 60cm - 65cm class

- 1. Helston School
- 2. Polwhele House School
- 3. Sophie L CSIA - Red Arrows
- 4. Polwhele House School
- 5. Caitlyn L CSIA - Red Arrows
- 6. Helston School

Novice Teams - Tack & Turnout

- 1. Mullion School
- 2. Helston School
- 3. Polwhele House School
- 4. CSIA - Red Devils (Tara W, Barley H, Caitlyn L)
- 5. Helston School 2
- 6. CSIA - Red Arrows (Thomas P, Tiffany D, Sophie L, Caitlyn L)

Best Individual Tack & Turnout

Barley H - CSIA



Barley H winner of the Tack and Turnout prize



CSIA students receiving their rosettes

Cornish Primary School Team Competition

CSIA and The Western Pony club hosted the Cornish Primary Schools' Team competition, on Friday 5 July 2019 at Chyverton Park, by kind permission of Nick and Mandy Holman.

Many thanks to our lovely judges: Jackie Luker (show jumping), assisted by Mr Luker and Jess Luker; Christina Carson and Sue Ferris (tack and turnout); Emma Haase (gymkhana and organiser); Tracey Harvey (rosettes). Many thanks to all those who helped make this an enjoyable day for the children: The Western Pony Club committee, pony club members and Camborne Science and International Academy students (catering and arena party).

TEAM SHOW JUMPING

- 1. Kea School
- 2. Polwhele House School
- 3. St Buryan Academy, Nancledra School And Penryn School
- 4. Stithians CP School
- 5. Mithian School
- 6. Chacewater School

GYMKHANA

- 1. Kea School
- 2. Polwhele House School
- 3. Germoe School
- 4. Wendron C. of E School, St Day School & Trevithick School
- 5. Mount Hawke Academy
- 6. Mithian School

TACK & TURNOUT

- 1. Polwhele House School
- 2. Germoe School
- 3. Troon School, Halwin School and Sithney School

- 4. Stithians School
- 5. Wendron C. of E School, St Day School & Trevithick School
- 6. Chacewater School

SPECIAL AWARDS TO:

Most Polite: Tia from Germoe
Best Individual Tack & Turnout: Rory from Lanner School
Youngest Competitors: Jessica from Mithian School and Arrietty from Kea School: Both 6



Kea School awards



Kea School prize giving



Wendron, Trevithick and St Day

Ollie Awarded European Space Agency Internship

In a great display of ambition, Nexus 11 student Ollie T wrote to a number of International and private Space Agencies around the globe hoping for a week's placement for his Year 10 Work Experience.



His endeavours were so well received that he was rewarded with the experience of a lifetime. Ollie wrote to NASA, ESA, ULA and SpaceX to name a few. He received an invitation from the European Space Agency (ESA), European Astronaut Centre (EAC) in Cologne, Germany asking him to join them and began his Internship in July.

The EAC trains and develops the skills required for European Astronauts to fly to the International Space Station (ISS), while preparing for an exciting future of space exploration beyond low Earth orbit as well as focusing on missions and space medicine. The facilities include a full scale mock up of some of the ISS Modules, a 20m deep Neutral Buoyancy Facility (diving pool) for Spacewalk or more correctly Extravehicular Activity (EVA) Training as well as a multitude of simulators and classrooms covering every training need possible.

Ollie has had the chance to work alongside many of the most influential people in the industry, including a number of the European Astronaut Corp and the German Space Agency, including his host and British Astronaut Tim Peake. Keen to maximise this once in a lifetime opportunity, Ollie requested to extend his placement a further week

Ollie, who is part of the Gifted STEM Programme at CSIA explained, "Being able to have this experience was amazing, to work alongside Astronauts, Medical Teams, as well as many of top people in Europe who train astronauts and make sure they are in peak health!"

At the time of this being written Ollie is still out in Germany, having had his internship extended by a third week to further witness the first joint NASA/ SpaceX Commercial Astronauts, complete their week's training at the EAC, as well as NAS who will fly to the ISS in mid September. During his visit, he has made many vital connections, ensuring links for future employment and internships are within his grasp.

Ollie would like to thank his hosts in Germany: Tim Peake, Mareike Morawietz (Medical Education Coordinator EAC / Internship Coordinator), Ruediger Seine (Astronaut Training Manager) and Martyn Cockram (Astronaut Training Designer). Both Ruediger and Martyn generously hosted Ollie in their homes for the period. In addition, thanks are due to CSIA VI Form for their Mini Scholarship and Connor Downs Residents Association for their grant.

to encompass the weekend of the 50th Anniversary of the Apollo 11 Moon landings, this was agreed immediately.

The journey has taken him from working inside full scale mock-ups of the ISS, to sitting on Command Console with EUROCOM, listening and watching the crews on the ISS, as well as working on smaller projects and delivering lectures on them himself.

During his 2 weeks, Ollie was able to be meet and talk with the team preparing the launch of Italian Astronaut Luca Parmitano, who launched to the ISS on July 20th, coinciding with the 50th Anniversary of the Apollo 11 Moon Landings in 1969. Luca Parmitano launched from Baikonur Cosmodrome in Kazakhstan, beginning his six month mission named 'Beyond'. Ollie was then able to observe the Mission Control team supporting the Astronauts on the ISS.



BE YOURSELF

Just before the summer, I was invited to go to the graduation ceremony for Falmouth and Exeter University at Truro Cathedral. I arrived early and went to get my academic robes along with all the other lecturers.

As you probably know, you wear a very strange hat which you will often see get thrown in the air when the photos are taken. The person cloaking me perched the hat on my head and told me not to touch it. As we processed, I remembered being told by a lecturer when I was at university: "Anthony you are not the brightest student, but you will get there in the end!" As I was processing into the Cathedral, I wished that lecturer could have seen me.

As I was sat there amongst all the Doctors and Professors and seeing the graduates coming up one by one being presented to the Chancellor, I wondered what their lives will be like and what they will end up doing.

I suddenly realised that I was now an equal with that lecturer from all those years ago and I was now sitting in a seat that he would have sat in if he was present. Maybe his remark all those years ago was a compliment rather than the negative I took it to be.

In life we will get many pieces of advice; we will be told many different things and occasionally these will shape the way in which we act. For myself I know that I may not be the brightest, but I will never give up. We are all different, we are part of a fantastic world whose future we can shape. We should never doubt the importance of us being who we are in this world; without us the world is a poorer place. At the end of the day we need to try and be happy, we need to shine like the brightest star. We need to know that we are unique and amazing people. We need to be happy with everything we achieve. We should never doubt our ability to succeed. We should always care for our friends and help and speak up for those less fortunate than ourselves.

Father Anthony

“Best PSHE Day Ever!”

Feedback from students was definitely glowing for our July PSHE Day. The school was a hive of activity as they heard testimony from a Holocaust survivor, received AED training, met with Devon and Cornwall Police and inflated hearts amongst many other activities.

Year 7 engaged in a mock election, creating their own policies as well as looking at existing government policies. Many created policies based on personal safety as they received input on safety during the summer including safety on the roads and beaches. Their engagement with political issues

was fantastic and reflective of the passion our students have for making a difference. This was revisited the following day, when our Environment Committee presented to students who are passionate about climate change. It was great to see how much they have done and what their future plans are to make a positive sustainable difference to our community.

Year 8 focussed on their transition from Key Stage 3 to Key Stage 4, and the risks they may face along the way. Next Steps South West created Careerpilot profiles with our students so they could start to explore future careers and higher education. Careerpilot also has a parents and carers area that is worth using in supporting your children in planning their futures. We take your children’s personal safety very seriously and want them to be

prepared for every eventuality. They all received CPR and AED training. Students also had the pleasure of being trained by Declan M, Year 11, who has recently been appointed High Sheriff of the Police Cadets for Cornwall. The Science team led brilliant workshops on the impacts of healthy eating on our brains and bodies, and the impacts of substance abuse. There are many children who would like to avoid certain crisps in the future for the amount of fat that came out of them!

Year 9 heard testimony from a Holocaust survivor. The testimony was followed by a question and answer session to enable students to better understand the nature of the Holocaust and to explore its lessons in more depth. Our students’ questions were reflective of their compassion and interest in human rights and



Year 9 with Holocaust Survivor, Henri

were a real credit to the school. The visit is part of the Holocaust Educational Trust’s extensive all year round Outreach Programme, and is so important, not only for GCSE History and RPE students, but all students in encouraging them to learn from the lessons of the Holocaust and make a positive difference in their own lives. It was a privilege to hear Henri’s testimony and hear a first hand account of what it was like for Jews, and many others, before, during and after the Holocaust.

YZUP shared information about drug and alcohol abuse and ways in which to deal with peer pressure and how to recognise risk. Students also met with Devon and Cornwall Police to focus on personal safety. Their final session focussed on equality, human rights and the law.

Year 10 also met Devon and Cornwall Police, prepared for their work

experience placements, received sex and relationships education from local advisory service, Brook, and had a fantastic introduction to life at VI Form. Our students were brilliant in engaging in Post 16 activities, facing challenges from the VI Form tutor teams with trophies awarded for their endeavours in the Year 10 celebration assembly.

Year 12 had an equally fulfilling day at the University of Exeter. They had a great taster of life at university and engaged with the many activities on offer – a great foundation to base their UCAS applications on in September.



Evaluating the impact of smoking on your lungs



Year 7 Election Officers



AED training with Ronnie Richards Memorial Charity



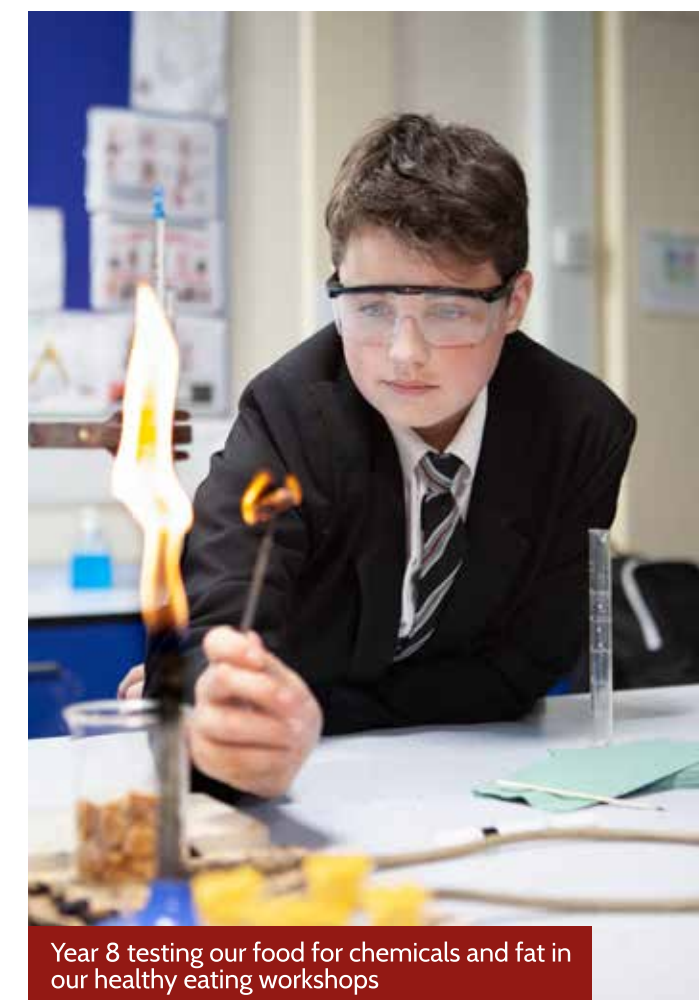
Multiple service approach to AED and CPR training – including Declan M, Year 12



Year 7 Mock Election - Embracing Democracy



Year 10 experience VI Form team building challenges



Year 8 testing our food for chemicals and fat in our healthy eating workshops

Nexus' First Appearance at the Greenpower Heats

A team of ten Nexus students from Years 7 to 9 travelled to Predannack Airfield near Mullion to compete in the Greenpower Regional Heats.

Taking their electric car "Nexus One" out onto the track for the very first time against schools from all over the South West region, our team exceeded the high expectations we all had of them.

The Nexus team were taking part in the F24 Kit Car category for years 11-16, all driving cars made from a 'rolling chassis' kit. They would be driving at the same time as the F24 Scratch cars (built from scratch including the chassis), but not competing directly against them.

The day started early, leaving Nexus at 7am to arrive at Predannack in time to unload and prepare the car for a rigorous scrutineering which checked every aspect of the vehicle and drivers for safety.

A team briefing followed where the racing and track rules were laid out for everyone. At 10am the track opened for a 90 minute practice session, and we took full advantage of the time, completing practice laps to get used to the circuit.

George P was our first driver, and he made an amazing start getting off the line and through about half the pack before some had even managed a few car lengths. After half an hour, George came into the pits and Max B took over, followed by Will G.

Being our first race, and despite plenty of practising on the playground at Nexus, we weren't sure how long our pair of 12V batteries would last, and

sure enough toward the end of the race we could see other cars visibly slowing so we made the decision to have a swift third stop and to change drivers to our secret weapon – India F!

India drove through to the end of the race and our batteries lasted the distance.

Our Race 1 result was better than we could have hoped; we were thrilled to come third in our class, covering a distance of 27 miles at an average speed of 17.8 mph.



Team Greenpower swapping drivers

After another short break for refreshments we were back onto the grid for the start of Race 2. Milan drove a great pace and handed over to Fred J. Our batteries once again looked to be lasting well, and we were convinced we had a really good shot at qualifying for the finals so we decided not to do a final pit stop and Fred drove for the last 45 minutes of the race – the longest stint of any of our drivers. Our Race 2 result was equally as impressive. Of the 11 kit cars we came

in 4th so a place down from before, but we completed an additional lap making our best distance of the day 28.5 miles at an average of 18.5 mph.

At the prize giving ceremony we were very pleasantly surprised to receive awards for:

- Best Newcomer Team
- Best Presented Team
- The Institute of Engineering and Technology Award

We would like to extend our thanks to everyone who has helped our team throughout the year and all the other students who took part in the Greenpower project but did not get selected for the final team. In addition we would like to thank Rob Kellow of RG Kellow Ltd for his continued support of the team and Nexus.



Team Greenpower with their awards



Camborne Academy's VI Form End of Year Celebration

VI Form students from Camborne Science and International Academy enjoyed their annual Summer Ball on Friday 12th July 2019.

The Summer Ball was held at the Falmouth Hotel with over 150 students and staff arriving in glamorous dresses and sharp suits ready for an enjoyable evening of food, dancing and laughs.

Head of VI Form, John Ross, commented, "The Summer Ball is fantastic because it allows Year 13 students to celebrate the end of

their courses with their colleagues and the staff who have helped them strive to achieve their full potential." Deputy Head of VI Form, Danni Perry, commented, "The Summer Ball is always extra special because the Student Leadership Team make it so personal to the Year 13 and Year 12 students with place names, music play lists, and the little extras like the photo booth and party jars or sweets".

Students and staff enjoyed a three course meal before filling the dance floor which was packed to the very end. Year 13 student Emily commented, "It was an amazing evening and a great way to end the

year!" Whilst Year 13 student Adam commented, "I had a fantastic night" and Year 13 student Jacob said, "I can't believe this is the end!"

Lyn Green, the VI Form administrator, commented, "The VI Form is a bit of a family and it is with a great sense of pride that I see how far they have come and where they are going". Sarah Belshaw added, "We wish all Year 13 students every success in the future and we look forward to staying in touch".





Another big year for CSIA Outdoor Education comes to close

Expedition season kicked off in fine style with another successful Ten Tors Challenge setting the tone for over 100 students to head out on Duke of Edinburgh expeditions.

60 year 9s completed their Bronze Practice in early June (see CN issue 69) before 36 year 10s made their way to Bodmin Moor for their final assessment expedition.

“The Silver Assessment expedition is a milestone in the DofE pathway at our academy as this is the first time students experience wild, unmarked terrain. Bodmin Moor is a stunning area when the weather is fair, however cloud can descend quickly to test the navigational abilities of even the best teams,” commented Mr Douglas.

of Bowthick.” After 3 days of walking the teams arrived at The Jamaica Inn one by one to the fantastic news that everyone had passed. Even better news for 13 of the students who had already completed their skill, physical and volunteering sections meaning their Silver award was now fully complete.

The final expedition of the year was the annual pilgrimage to beautiful Snowdonia with the Gold team. This expedition is the culmination of a 4 year journey from Bronze where the students get to test themselves for one final time in some of the most stunning terrain in the UK.

“One of the conditions of the Duke of Edinburgh’s award is that teams must be self sufficient during their expedition. It is a credit to this team that over the 4 day journey around Snowdonia they required virtually



Gold team selfie on day 1

example of what a DofE team should look like at Gold level.” – Richard, Senior Assessor

Congratulations to all students who have completed DofE or Ten Tors events this year and thank you to the staff who make these events possible. Mr Douglas is regularly joined by a large



Silver team at the summit of Brown Willy

“With poor weather due to hit on day 2 just as all 6 teams were in the middle of the moor, I was thankful to my team of staff helpers who were on hand to ensure all teams made it safely across Brown Willy and down to the safety

zero input from staff other than occasionally checking in to confirm everything was going well. They were a totally independent group able to look after themselves in remote terrain without help or technology – a fantastic

number of staff who give up weekends, regardless of the weather, to allow our students to engage with these fantastic opportunities – Thank you for making this possible.

Tilly B-H and Leah P enjoying a campfire at the end of day 1



Testing conditions in the mountains on day 2



The team head toward camp on day 3

The VI Form Academy Induction Day

The VI Form Academy certainly made a splash on the first day of the new academic year.

On September 4th 2019, our new Year 12 students started the next stage of their academic careers by spending the day at the South West Lakes Stithians Outdoor Centre. The weather was kind with almost uninterrupted sunshine and a refreshing breeze which set a splendid tone for the team building away day.

Alongside their tutors, the new cohorts spent the day stand up paddle boarding, cruising the lake in sailing boats, competing in kayaks, and problem solving on shore. A proper Cornish lunch of pasties and a drink was eaten to a backdrop of excited conversation as people got to know one another and share stories. The afternoon got a little competitive as tutor groups were pitted against one another in a raft build and race competition that saw more than one person end up in the water.

Lowenna T said, “It was amazing, it was great to spend time with my new form.”

Kameran B said, “It was such a good day.”

Charlotte C said, “It was such an amazing experience and great fun!”

Head of VI Form John Ross said, “It is fantastic to be able to start the year in such a positive way and there is no doubt that The VI Form Academy secures good outcomes for the students, both in grades and progression, by ensuring excellent relations between students, teachers, and the pastoral team.”

The VI Form Academy is confident that the excited and enthusiastic new intake will be able to continue working with the teachers so as to remain in the top 20% of all providers of A levels nationwide.



CSIA Attends the Korean Science Fair

Earlier this year, two students from CSMS were invited to take part in the Korea Science Academy Science Fair (KSASF) in Busan, South Korea.

The KSASF is hosted biannually by the Korea Science Academy of KAIST, Korea's first school for the education of students gifted in science. This year, it welcomed delegates from 37 different schools in 21 countries worldwide. The theme of the fair was "Dream! Design! Create!" and students were offered the opportunity to showcase their research as well as a chance to collaborate and innovate around a series of STEM challenges.

The two students selected to represent CSIA, Tom T and Dottie S presented

their work on weever fish on Cornish beaches, supported by the RNLI. The students had analysed the critical incident data recorded by the RNLI and correlated it to external factors, such as air and sea temperatures. The judges of the science fair were so impressed with their work that Dottie and Tom were awarded the prize for Best Poster in their category (Biosciences) as well as an award for Most Innovative Research.

"It's such a valuable experience for our students to travel to an event like the KSASF and experience, first-hand, the pressure and excitement of presenting work at an international meeting" said Dr Gower, who accompanied the students, along with Miss Perry. "They did an incredible job of engaging their audience and of selling their research. Many of the delegates from other schools have commented on how

confident and articulate our students have been."

Either side of the science fair, the team were able to explore the city of Busan, whose rich cultural heritage and rugged coastline are both distant and exotic while still being somehow reminiscent of Cornwall.

Tom T

We visited Busan to participate in the Korean Science Academy Science Fair 2019 where we saw many science presentations and posters. Despite us both being nervous to present a science project to a room full of academics, it was worth it in the end as we were congratulated and credited on our research and presentation skills. I'm really proud to have won prizes for our poster and our research.



Tom and Dottie try on traditional Korean clothes

This was my second time visiting South Korea and it made me want to recommend it even more than I did after the first time. Despite this being an academic trip, some of my favourite bits came with the social side of the meeting. There were people from 17 different countries, and we had the opportunity to talk to them all. We made friends in the six days of the science fair that will last a lifetime. They may be friends for that short time, but it also allowed us to build connections worldwide with people that are exceptionally hard workers!

My favourite cultural part of the visit was going to a temple by the ocean. The place's name was Haedong Yonggungsa Temple. The cultural places in Asian countries are very different to those of our country. They are conserved by the small entrance fee paid to enter and money from the government. They take pride in their culture and history and it is amazing

to experience something that most people never get to see.

Dottie S

The trip to South Korea was an inspiring experience. KSA is a very large school

and the expectations on pupils are very high. The facilities at the school are amazing and the students were passionate about describing their research.

It was intriguing to hear students from the other schools talk about their projects. We really enjoyed sharing our work as the weever fish project we worked on is relevant to the public. All of the students we met were really friendly and it never really felt like a competition.

On the days before the meeting, I really enjoyed exploring some of the sights around Busan. The city is on the coast and so there are many fish markets and beautiful beaches. I have always loved meeting new people and learning about different cultures, so to get to experience Korea with Korean students as guides was really amazing.





Tom working with the local students at the science workshop



Seatbelt safety demonstration



Visiting a buddist shrine



Trying out the local cuisine



Can Tom beat the machine?

Greenpower Racing Team Visit Aston Martin

On Wednesday 12th June, 10 students from Nexus travelled up to the Aston Martin Factory.

The students who were selected are part of the Nexus Greenpower Racing Team, who have enjoyed a fantastic first season of Greenpower Racing. On arrival, the excited students were greeted in reception and taken straight to the first part of the tour: three fantastic brand new Aston Martins.

The students had the opportunity to sit in the cars and imagine what it would be like to drive them, something they all thoroughly enjoyed. The tour then walked them through the history and development of Aston Martin, taking in cars from the 1920's through to the car

driven by Daniel Craig in the smash hit James Bond film, Spectre.

The students then moved onto the factory floor where they gained an insight into the obsessive detail and precision engineering that goes into the manufacture and design of these fantastic cars. They observed a variety of different manufacturing stations which included: Leather printing; construction of the leather interior; a tour of the different engines; the huge range of paint choices; final assembly processes and finally the completed cars.

The students were engrossed and asked some very insightful questions, impressing the Aston Martin engineer leading the tour with their knowledge.

The highlight of the day was seeing the Valkyrie. Aston Martin has sold just 150 of these incredible cars, however with a price tag of £2.3 million pounds, the students knew they would have to start saving now if they ever wanted to own one!

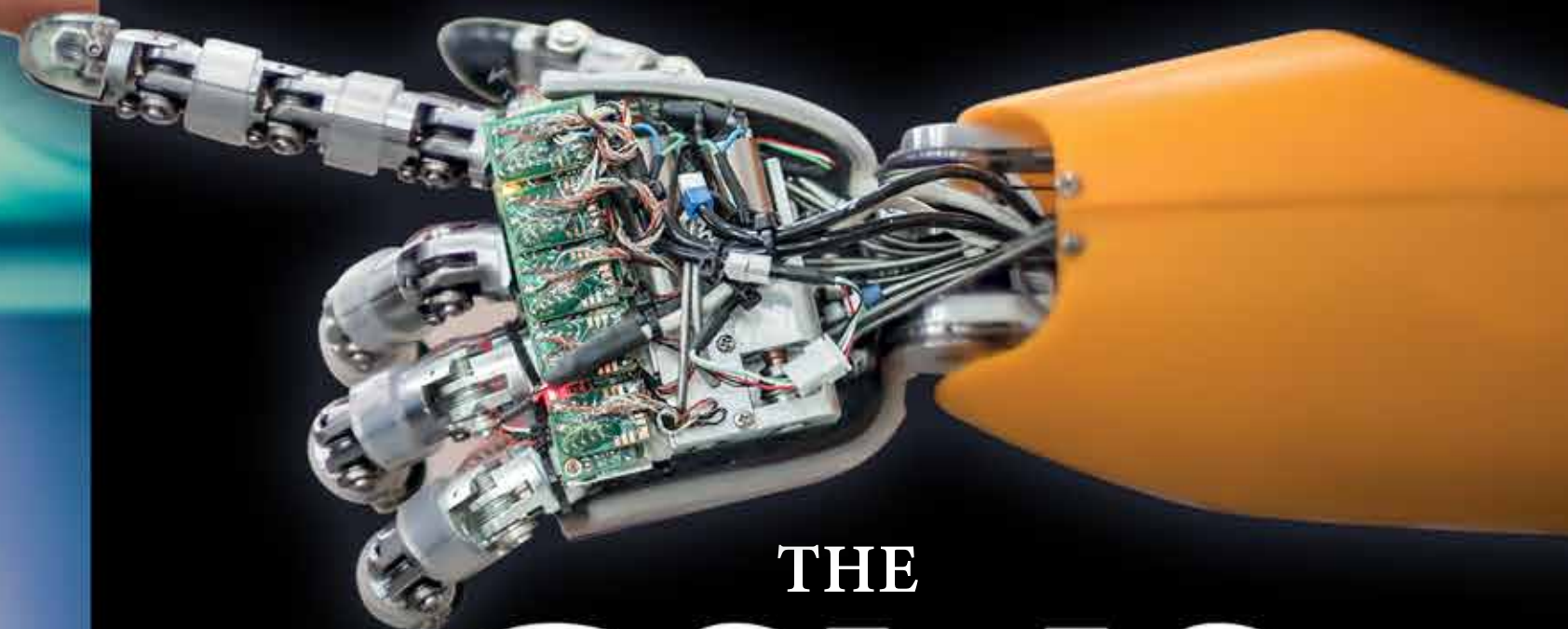
The students were hugely inspired by this experience, and having been given a careers talk by a member of the Aston Martin Graduate Engineer Programme many of them commented that they would be interested in a career in the automotive engineering industry in the future.



The £2.3 million pound Valkyrie



Aston Martin DB10 used in James Bond Film, Spectre



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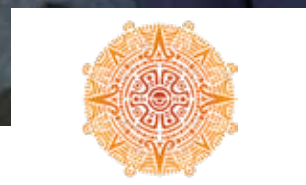
Come to our Open Morning on
23rd November 2019
10:00am - 12:30pm

If you are a gifted student likely to achieve mainly 7's, 8's and 9's at GCSE and plan on taking Science and Maths A Levels then CSMS is the natural choice for your VI Form studies.

At CSMS, brilliant specialist teachers and attentive, ambitious learners come together to achieve exceptional results.

To book a place at our Open Morning, please visit
www.CSMS.co.uk

Meet Our Newly Appointed House Leaders



Miss Hall - Aztec

I have been a member of the CSIA community for a few years now and have relished the amazing opportunities to support our students, from teaching science and PE to Duke of Edinburgh and International Trips.

My background in competitive swimming means I am super keen to lead Aztec to the finish line, in first place of course!

Mr Douglas - Maori

I have been at CSIA for 3 years developing our Outdoor Education provision. With a passion for the outdoors I have led expeditions all over the world from The Middle East to Australia and Hong Kong.

As a former Olympic athlete, I'm keen to take Maori to victory in my first year as House Leader.

Mr Thompson - Abenaki

This is my first year at CSIA. I love most sports and I play squash for Cornwall. I believe that healthy competition is important in school and I want everyone to seize the opportunities that being in Abenaki House will provide this year.

We will all achieve our potential if we work together and support each other. Good luck Abenaki House for this year! Let's win this!

Miss Elliott - Masai

I am new to CSIA and Cornwall and am teaching in the mathematics department this year. I am incredibly excited to be leading the Masai House this year and am confident that with hard work and determination, our house will have a really fun and successful year.

I am most looking forward to seeing our house develop as we strive to exemplify the vital characteristics of the Masai Tribe of being brave, proud and working as a team!

100% PASS RATE ACROSS ALL SUBJECTS

VI FORM OPEN EVENING

at Camborne Science & International Academy

30th October 2019 - 6:00pm

cambornescience.co.uk | Tel: 01209 712280

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**UNRIVALLED
OPPORTUNITIES**

**CAMBORNE SCIENCE
& INTERNATIONAL ACADEMY**



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 programme during the Autumn term explores the many wonders of the Amazon Rainforest, with all workshops running from 9:30am - 12pm.

Autumn 2019 Dates

12th October
Maths: Ama-gon

9th November
Geography: Amazing Amazon

23rd November
English: Letters from the Amazon

7th December
Science Special: Christmas Chemical Mix Up



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



**CAMBORNE SCIENCE
& INTERNATIONAL ACADEMY**

