



COMMUNITY NEWSLETTER

CAMBORNE SCIENCE & INTERNATIONAL ACADEMY

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

ISSUE

74

FEB 2021



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APPEAL SPREADS JOY**

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Introduction



Dear Parents, Carers
and Students,

Please enjoy viewing the
first Community News
since September. Many
thanks to all those who
have contributed to its
production.

In normal times, CSIA would have published three editions of its Community News since the start of the academic year, with February's edition usually being a 'bumper' edition, highlighting all of the many exciting activities and events that CSIA students and staff have been engaged in over the autumn term (especially all our many international trips and exchanges).

However, despite the many challenges at this time, a limited number of events have taken place since September and I know many students and their families will appreciate reading about them.

We look forward to better times in the future when we can return to normal publications.

Thanking you all for your support at this time.
Please keep safe.

Yours sincerely
Ian Kenworthy, Principal

STOP THE PRESS



**HARRY J (Y12) RANKED
12TH IN THE NATIONAL
JUNIOR TIME TRIAL
SEASON**

14



**NON-UNIFORM DAY
RAISED £421.50**

On 18 December we raised
£421.50 for Bear Ward,
Great Ormond Street
Hospital, where ex-CSIA
student Paddy Nurse works
as Senior Staff Nurse.

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Silver Success for 38 Students in Year 11

**After a 5 month delay due to
COVID-19 restrictions, 38 students
from Year 11 successfully navigated
their way to a Silver Duke of
Edinburgh's Award this October.**

Having already completed the Skill, Physical and
Volunteering sections of the award, this marked the
finale of a tough journey which began 12 months earlier.

National lockdown meant that students were
forced to adapt many elements of their award to be
able to complete them at home due to things like
volunteering in the local community or attending
sports clubs being no longer available.

"Having given the students guidance on how they
could continue with their award through lockdown,
it was great to see so many getting involved with
new activities. Many found that helping out at
home, daily walks or even gardening were great
ways to continue logging their hours. Once we

returned to school in September, we had 38
students with their sections complete and raring to
get back out on expedition." – Mr Douglas, Director
of Outdoor Education.

As with the other award levels, the Silver expedition
was modified to comply with current guidance,
however the students refused to let this take away
from the experience.

"After such a long time had passed since the
practice expedition last year, my group were really
excited to get back out and complete the Silver
award. We completed 3 days of walking with the
final 2 days alone covering nearly 40km! Although
we had sore legs and blisters, we were all so happy
and proud to arrive back at school to receive our
Silver badges." Anya A, Year 11.

Those students who return to CSIA in year 12 will
then have the opportunity to take on the Gold award
and potentially end up receiving the award from a
member of the royal family in St James's Palace.

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keep up to date
on all our news**



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@THEVIFORMACADEMY
@CORNWALLMATHS



Festive foodbank spreads joy in local community

Our annual foodbank collection received an overwhelming response of altruism from our students.

Every Christmas the House Leaders set tutor groups the challenge of collecting as much as they can for the Camborne Pool and Redruth Foodbank. Our relationship with the Foodbank has run for many years and we are proud of the Christmas kindness projects and the yearlong kindness projects that run in the school to support the foodbank. In Geography lessons, the recent Simon Reeve documentary on the BBC highlighted to many of our students the economic challenges faced by many across Cornwall, but also the

opportunities available for the future.

Imogen N, Masai, Year 8, has exemplified altruism and integrity this week by donating two full packed boxes of food to our annual Food Bank appeal. Mum shared with us that Imogen worked to a budget, went around the supermarket on her own and ensured that each box had the requirements for the Food Bank is Christmas Dinner boxes.

In addition, Faith A, Year 9 and Liam T, Year 7, designed our Christmas Cards for this year, with all of the proceeds going towards the running of the Foodbank.

Year 9 and VIth Form will continue

fundraising throughout the year for the CPR Foodbank to ensure that people across the community continue to be supported by such an essential service in these challenging times.

Lily H, Masai House Captain shared “The food bank plays such a pivotal role not only for the school and its students but for the wider local community. During lockdown, I had the opportunity to volunteer at the food bank and saw first-hand what an impact the services offered have on people is livelihoods. I would just like to say a big well done to all the students and tutors who have been so kind by donating food to this cause and can honestly say it will make a massive difference to families over the festive period.”



Lily H volunteering at the foodbank



Aztec House Leader Benjamin S



Steady stream of students





Year 10 students supporting Mr Douglas load the minibus.



House Leader Mr Douglas loading the minibus to deliver the food to the foodbank

Christmas Tree takeover

Students designed and made decorations to gain house points for their Christmas stockings. Based on the theme of their house, character values or the Christmas story.

All entries were judged by the Sports faculty at CSIA with bonus points given for creativity, style and quality. The winners were:

YEAR 7 TAYSIA-LEI S 7B Masai

YEAR 8 THOMAS G 8L
SKYANN R 8T Maori

YEAR 9 SOPHIE L 9C Maori

YEAR 10 Whole of 10o! Abenaki.

POINTS

1ST
ABENAKI
70

2ND
MASAI
40
MAORI
40

4TH
AZTEC
10





Christmas Jumper Day Save the Children

Staff and students have had a brilliant day embracing the festive spirits with Christmas jumpers! Students donated 50p to participate and raised £430.05 for Save the Children! Well done everyone!

Christmas Dinner celebrations

Students and staff enjoying Christmas dinner at CSIA, a great end to the autumn term!



Whilst santa made a visit to the Nexus campus to join in with the festivities!



Fergus T and Thomas R getting into the Christmas spirit with Daisy the dog



The canteen staff worked hard to prepare a delicious Christmas meal



Noah G tucks into his food



Tilly D and India F enjoyed the festivities



Santa made a surprise appearance – much to the delight of the students



Jacob N, Stuart B and George P enjoy their meal



Ortia S, Ruby-Rose W, Antonina S, Alexa R and Ellena S



Anya A enjoyed the Christmas cracker jokes



Neve H, a Year 13 student in CSMS, even created a homemade Nexus bauble for the occasion

CSIA Student in National Youth Cycling Championships

10-mile blast is young cyclist's latest triumph on the road to success

Harry Jukes, who is in Year 12 at Camborne Science and International Academy, was the 10th 16-year-old and 18th overall finisher at the National Youth Cycling Championships on 12th of September. From Prazan Beeble, the youngster was one of 85 competitors from all over the country battling it out at the course at Wickham in Hampshire.

Describing his performance in the race, Harry said, "I finished in just under 23 minutes for the 10-mile time trial, averaging just under 27mph - even with two complete stops in the middle of the race, because of traffic on the course. On my way to the finish, I hit a maximum of speed of 43mph."

The National Youth Championship is run by Cycling Time Trials - the national governing body for time trials in England, Scotland and Wales. The GHS 10 Mile Time Trial Championship is named after George Herbert Stancer OBE (1878-1962), a British racing cyclist who held many cycling records and titles. Following his death, a trust fund was established with the aim of promoting and encouraging youth participation.

Harry is an avid competitor and has been training and taking part in weekend racing

throughout the pandemic. At Okehampton the weekend before the GHS time trial, he completed another 10-mile course in course in 21.17 minutes, taking 70 seconds off the previous record making him the fastest 16-18 year old to have completed that course.

The young cyclist travels all over the UK to compete, which means he has to work hard to balance his demanding training schedule, which can be up to 25 hours a week with his schoolwork.

Harry said "CSIA have been a massive support in helping me maintain a high training volume and take advantage of opportunities, while balancing my academic work. My academic timetable has been altered so that my free lessons are towards the end of the day, which will be massively beneficial as the light begins to fade. I will be able to get home and complete my long 4-5 hour training session with minimal time spent in the dark. The VI Form Academy are supporting me whilst allowing me to train to my full capacity."

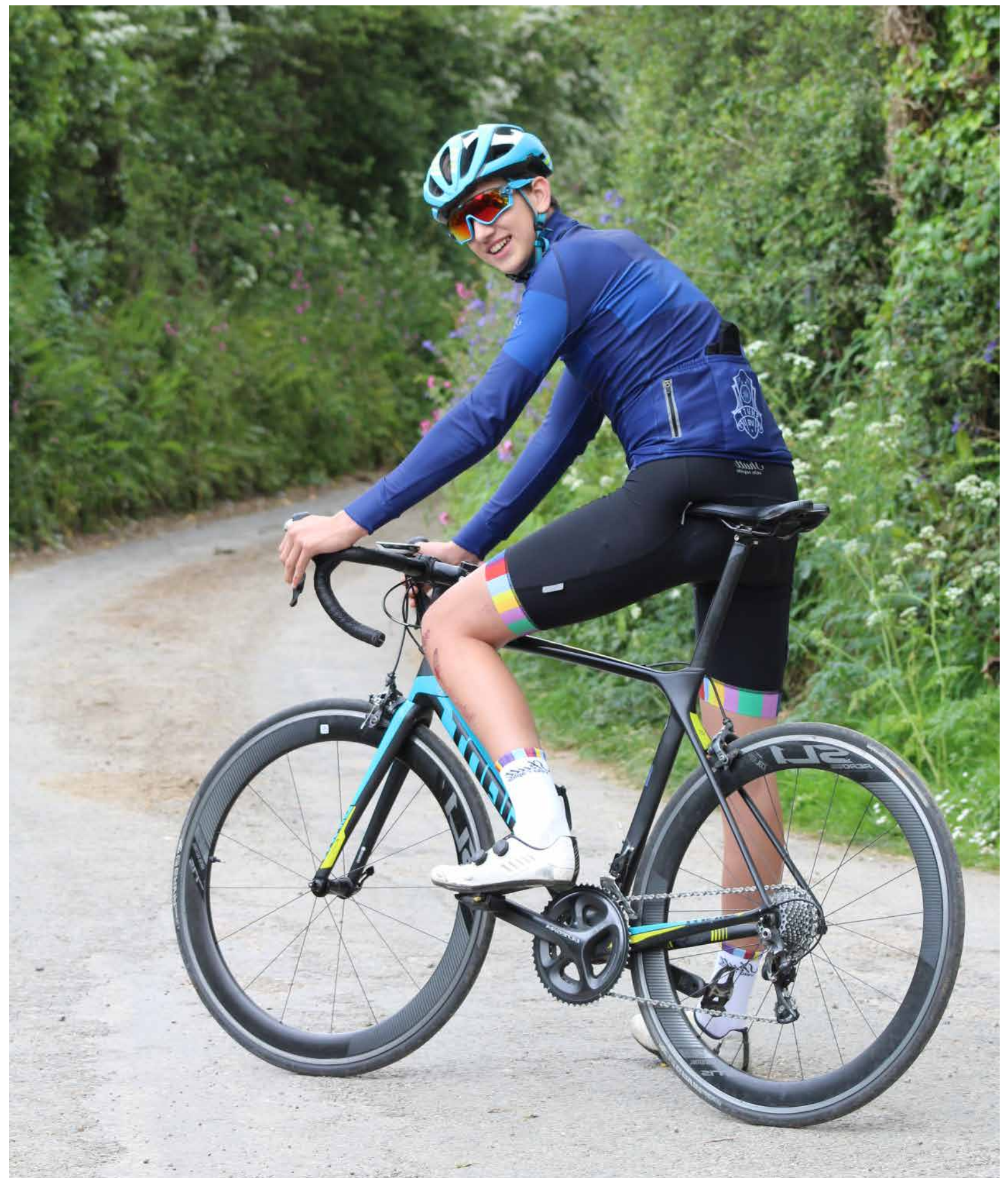
Harry added, "The school has also been very supportive of my opportunity to take part in a training and racing camp in Spain next year, like a professional fulltime cyclist

would. This will be an amazing experience for me, and will be extremely beneficial for the volume of racing I should be able to compete in next year."

Harry has high hopes for the future, with international junior stage races in Europe next year firmly in his sights, and he is hoping to represent GB at the world championships either at junior level or in the under 23 ranks. He eventually aims to compete in the world time trial road race championships, and even harbours a dream of winning the Tour de France.

He added, "After this, I will be having an off-season break, before training continues progressively towards all of my races scheduled - hopefully all over the UK and Europe in 2021!"

Emma Haase, Vice Principal at CSIA, added, "We passionately believe in motivating our young people to keep active and stay healthy, and we're very proud of everything Harry has achieved so far. Ongoing investment in our students and each of their ambitions is essential we are always striving to create an environment which allows students to be inspired and motivated to follow their dreams."



At present, life seems to be all facemasks and hand gel. There is a part of me wishing we could get back to normal. But what is normal?

Part of my ministry as a Priest was spent in Boston in the USA. I arrived on the 4th of July, which was not the best time for me to arrive. As you may know this is when Americans celebrate independence from the English. I was taken immediately to a street party where they were having an egg throwing contest. The object of the game is to try and catch an egg without breaking it. If you are successful, the egg is thrown from further away and you keep going until the egg breaks. It was suggested that I had a go. All I remember was someone shouting "He's from England!" and within minutes I resembled an omelette. I loved being in America and I loved the people, but it was never the same as being in London. There were so many things that I missed, including friends and family. I believed that my life could only return to normal once I was back in London.

When I returned to London, I realised things had changed. London had moved on after two years. I was then asked to go to Cornwall and Newquay. Since arriving, I have loved Cornwall and I am very happy here. I do not know what normal really is, but I know what it is to be happy. In life we need to try and be happy with who we are rather than worrying if people see us as being normal.

Life changes and moves on. Being someone who has faith and as a Christian I believe that everybody is created out of Love. Each one of us is so important to this community and we have a duty to help one another. For a community to work we need to spend less time on trying to be normal and more time on trying to be happy with who we are and using our gifts to help others. Why be normal when we can be amazing!

WRITTEN BY FR ANTHONY

Non-uniform day for GOSH

On 18 December we raised £421.50 for Bear Ward, Great Ormond Street Hospital, where ex-CSIA student Paddy Nurse works as Senior Staff Nurse.



Dear Students & Families,

My name is Paddy Nurse and I am a former Camborne Science and International Academy student who left the school in 2013 to train as nurse. I am writing to thank you for the incredible fundraising you did at the end of last term.

I now work on Bear Ward at Great Ormond Street Hospital for Children. Bear ward is the cardiac low and high dependency unit at GOSH. We care for infants born with congenital heart disease and older children and young people who develop acquired heart disease.

The funds you have raised will be paid into the cardiac services budget. These will be used to fund research into improving our interventions and medications for seriously unwell patients. We care for the children from all over the UK and the funds will also be used to make the most difficult times in a family's life slightly easier through our charity supported services.

I am very proud to have been a student at CSIA. The values and example shown to me by the teachers and staff at the school are ones I use in my professional life every day. My former teachers were prominent in my mind when we all clapped in the summer last year.

Thank you once again for your kind generosity and I wish all at CSIA the best of health, as well as, the best in your academic endeavours and the New Year.

Warmest Regards

Paddy Nurse
Senior Staff Nurse
Bear Ward
Great Ormond Street Hospital

Warmest Regards

Paul Blackburn
Charge Nurse
Bear Ward
Great Ormond Street Hospital



Great Ormond Street Hospital Children's Charity. Registered charity no. 1160024.

This wonderful bee was drawn by Joe, who was a patient at Great Ormond Street Hospital.

Cornwall School Team Show Jumping Competition

On Sunday 18 October CSIA entered 3 teams in the Cornwall School Team Show Jumping competition at Pendarves Equestrian Centre where teams from schools and colleges all over Cornwall compete.

All of the students representing CSIA were amazing and jumped their hearts out. Each student rode two rounds with the second round being against the clock.

In the team competition, Camborne Red Arrows comprising of Isabella J riding Willow, William B riding Grainger, Erin J riding Tilly and Maddie N riding Derrymore Dun Lady finished in 4th place. Individually, Barley H riding Jack in the Camborne Red Barons team finished 6th. There was also a separate competition for Tack and Turnout. This was judged on how well the riders and horses are presented in terms of team spirit, cleanliness and manners. There were two sections and CSIA won both!

The two winning teams were Camborne Red Arrows comprising of Isabella J, William B, Erin J and Maddie N and Camborne Red Barons comprising of Amber J, Thomas P and Barley H. To cap an excellent day our third team, Camborne Red Devils, also placed in the Tack and Turnout competition, gaining a 6th place rosette. The riders were Tiffany D, Niamh C, Isla M and Tadgh C.

A big thank you to all of the parents for supporting the students and transporting the ponies and to Ms Ferris and Mrs Haase for organising the day. The next event takes place at the end of March and would welcome any other students interested in taking part.





Co-curricular opportunities

Our co-curricular programme on main site has got off to a roaring start this year.

We have a fantastic range of opportunities for our students to engage in, and it has been fantastic to see them throw themselves wholeheartedly into the programme. We have ensured that activities are within year group bubbles and with over 60 activities to choose from students have signed up in their hundreds.



As part of the Extraordinary Me programme and our learning journeys, students can log attendance at a co-curricular activity for their Extraordinary Me awards, (collecting house points for attendance each week) and have a wonderful time having fun!

It is heart-warming to see the sea of happy and tired faces leaving the building at 4pm after Football, Rugby, Dance, CSI Camborne, programming, Scribblers, Camborne Chronicle, Around the World Club, Eco-committee and much, much more! Further opportunities will be coming along throughout the year and students are encouraged to attend at least one co-curricular per week.

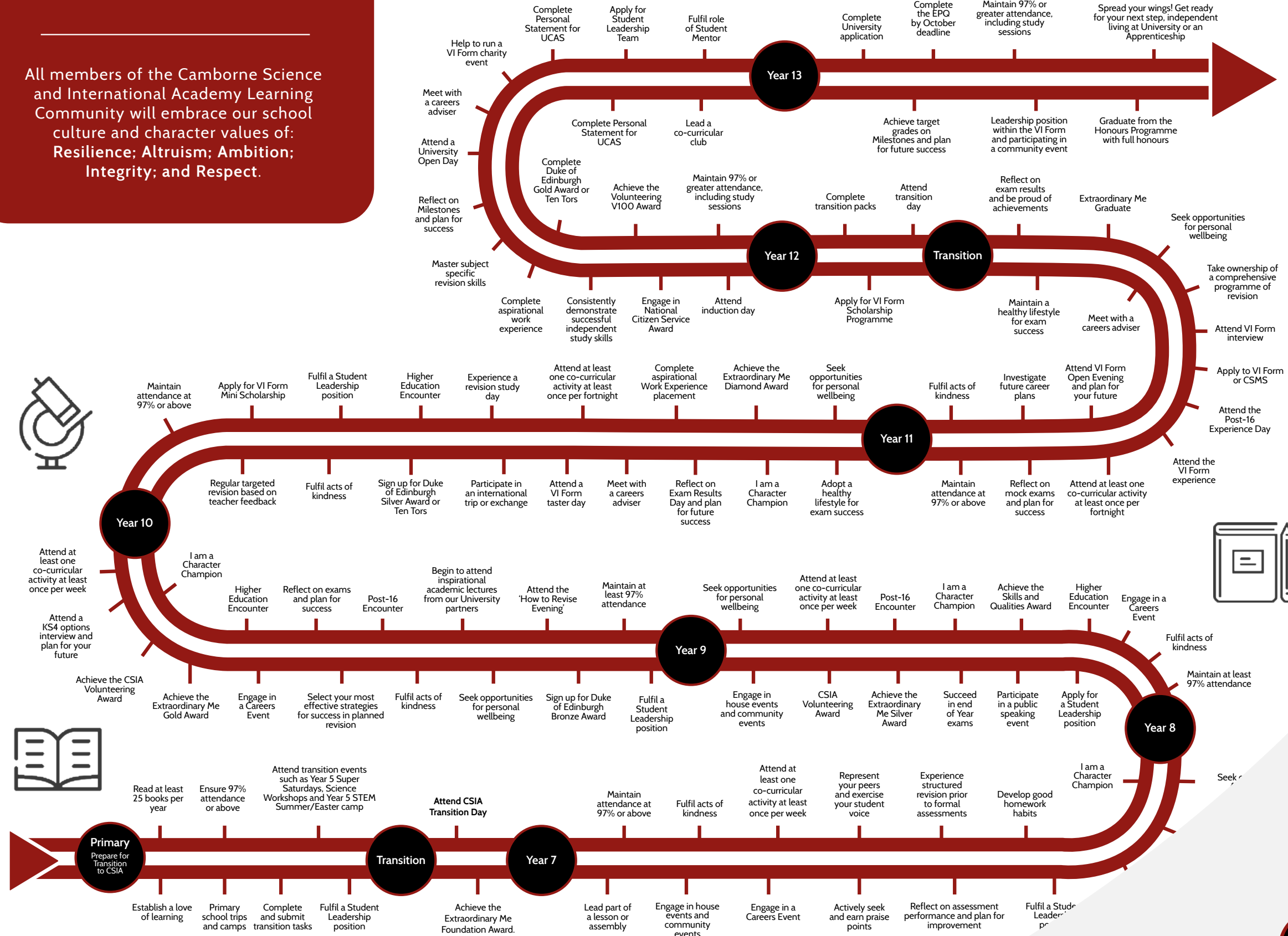
We also have online co-curricular available, respecting Covid-19 regulations, in the form of Choir and the Camborne Musical Theatre Company. Recent challenges from Mr Graham for the Theatre Company included students recording themselves doing the Hand Jive, and recording elements of the song 'We are the Champions'. The results were fantastic!



THE CSIA LEARNING JOURNEY

PRIMARY TO POST 16

All members of the Camborne Science and International Academy Learning Community will embrace our school culture and character values of: **Resilience; Altruism; Ambition; Integrity; and Respect.**



CHARACTER VALUES

RESILIENCE

I am positive, optimistic and never give up.

ALTRUISM

I am kind to others and kind to myself.

AMBITION

I am determined to succeed and be the best that I can be.

INTEGRITY

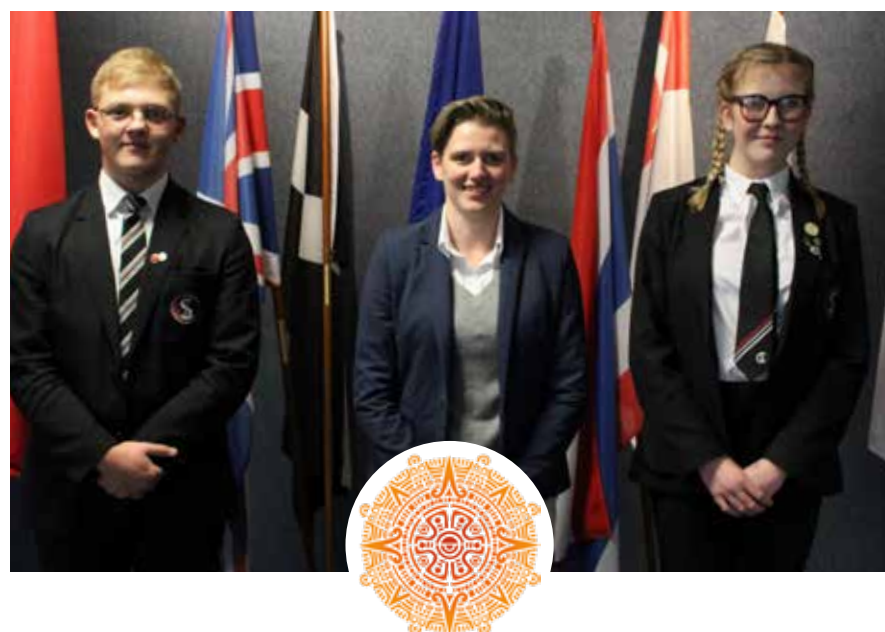
I am honest and will do the right thing, even when no one is looking.

RESPECT

I am polite, thankful and kind to others. I listen to and encourage other's opinions. I have empathy for every person's life situation.



CAMBORNE SCIENCE
& INTERNATIONAL ACADEMY



2019/20 RESULTS

1ST
MAORI
21531

2ND
MASAI
21092

3RD
AZTEC
20959

4TH
ABENAKI
20384

2020 House Cup goes down to the wire!

After the buzz and excitement of the first ever House Auctions just before Christmas, it was with a heavy heart that COVID-19 restrictions meant the second round of auctions were cancelled just days before taking place.



With competition too close to call, the House Leaders took the House system online meaning students could continue battling for the overall lead, and battle they did!

Daily online quizzes became a popular part of many student's online learning along with Photography, History and Literature competitions. With only a few weeks of summer term remaining, the lead was changing hand on almost a daily basis between Maori, Aztec and Abenaki. Virtual Sports Day would

play the final crucial role in deciding the overall House Cup winner.

Having sat at the bottom of the leader board for a number of weeks, Masai students showed their team spirit by winning almost every Sports Day event and flying into 2nd place overall. Despite a fantastic effort all year, Aztec and Abenaki dropped into 3rd and 4th with Maori taking the overall win to the delight of Mr Douglas.

"Every single student who took part

in a House event this year should feel incredibly proud. The level of participation and standard of competition entries was outstanding. During lockdown we were thrilled to see over 100 students participate in the House quiz every day to support their House. Maori taking the overall win is just the cherry on the cake!" - Mr Douglas, Maori House Leader.

Now back at school Masai have stormed to an early lead in the 2020/21 House cup with Aztec hot on their heels!

Unstoppable - Incredible Summer Exam Results

Cheers of joy could be heard around CSIA on Thursday 20 August when students received their GCSE results after a summer of anticipation and months of remote learning.

This year's summer exams were cancelled due to the pandemic and instead, GCSE and A-level students were awarded calculated grades based on teacher assessment and the government algorithm.

Mr Kenworthy, praised his students for their "incredible" GCSE results after a challenging year. He said: "We are overjoyed with this year's results and couldn't be prouder of our students and staff who have all worked tremendously hard. It's been a difficult year, but we are so proud of the CSIA community – everyone has gone above and beyond. "These results are confirmation of our fantastic school, offering exceptional teaching and a learning environment which supports every student to achieve their potential.

"What is most important is the fantastic contribution these young people make to the world around them and we were thrilled to welcome the majority of our students back to The VI Form Academy in September to begin the next stage of their journey."

One student who was delighted with her results was Mackenzie T, who attended the CSIA campus, Mackenzie received 9 GCSEs at grades 8/9 or equivalent and secured a place amongst other very able students at Cornwall School of Maths and Science (CSMS), part of CSIA's VI Form provision, to study for A-levels in chemistry, biology and psychology.

She said: "My results have been a lovely surprise – I worked really hard and got the results I deserve. I am really excited about being in CSMS."

Josh P, who attended Nexus and achieved 9 GCSEs at grades 8/9 or equivalent and is now studying A-levels in mathematics, further mathematics and computer science at Cornwall School of Maths and Science.

He said: "I am very happy with my results. I really enjoyed Nexus, although it was challenging and I am really looking forward to CSMS this year."



Mackenzie T



Josh P



Anyia K



Cian O



Erin W

"THESE RESULTS ARE CONFIRMATION OF OUR FANTASTIC SCHOOL, OFFERING EXCEPTIONAL TEACHING AND A LEARNING ENVIRONMENT WHICH SUPPORTS EVERY STUDENT TO ACHIEVE THEIR POTENTIAL"

Cian O, who attended Nexus and achieved 10 GCSEs at grade 9/8/7, has joined The VI Form Academy at CSIA taking A-levels in economics, mathematics, geography and chemistry.

Vice Principal, Emma Haase said "These results represent an enormous amount of hard work, perseverance and dedication and are a well-deserved reward in our effort to continually strive to be extraordinary. We are delighted that CSIA has sustained its high level of attainment and it's a pleasure to see so many superb individual performances – a tribute to our commitment to exceptional teaching and learning."

"It is always wonderful to see the reactions of students who are so deserving of these incredible results, not just those who achieve the highest grades, but all those who have received the grades they deserve.

"This is one of the most rewarding days in our school calendar and this year it is even more special after so many months of remote learning.

"The achievement of every single student at our Academy matters hugely to us and we are very pleased that we have so many remarkable achievements to celebrate."

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

"The results reflected our students' tremendous dedication and hard work and we must thank the team and parents/carers for their total support in helping them achieve such great things," said Mr Kenworthy.

As they return to study for places at university and in employment, excellence is what our students will continue to strive for.

GCSE results day represents the culmination of 11 years of hard work for our students and their outstanding grades show that our academy continues to prepare students for the challenges of A-levels, university and beyond. We all take great satisfaction from the new opportunities which these students now have before them!

Extraordinary Students in Extraordinary Times

VI Form Academy and CSMS students celebrate 100% A-Level pass rate and a record number of university placements.



(L) Finlay V, (M) Megan S, (R) Lewis H

In a year like no other, A-Level students at The VI Form Academy at Camborne Science and International Academy (CSIA) and Cornwall School of Maths and Science (CSMS) were able to celebrate outstanding A-Level results.

Despite months of remote learning due to the coronavirus pandemic, students and staff celebrated a 100% pass rate for the sixth consecutive year.

CSMS students excelled once again, with A*s and A's making up 61% of grades and an overall average grade of A.

On the back of these results, 100% of CSMS students and around 75% of VI Form students have gone on to university.

The VI Form Academy and CSMS Vice Principal Sarah Belshaw praised the students for their resilience. She said, "It was a challenging year for lots of obvious reasons, but we couldn't be prouder of all the students for their achievements. What an accomplishment in spite of such disruption! It just shows that their dedication, determination and perseverance has been worth it."

"I would also like to congratulate all our teachers who had to adapt to the changes that coronavirus brought. Their effort and support for students was unwavering in what has probably been the most demanding year on record, and they did it all whilst being proactive, positive and inspiring."

"Results Days are usually quite emotional by nature but this year was extra special, as students, parents and staff celebrated and supported each other!"



Ella K

Standout successes include Ella K who recorded an A* in Geography, an A in Maths, an A in Physics plus an A* in EPQ. Ella is now studying Earth Sciences at Oxford University. Alexandria G also recorded exceptional grades, achieving four As in English Literature, RPE, Sociology and EPQ, and has now gone on to study Theology and Religion at Oxford.

Sarah P is reading Physics at Manchester University after achieving four A*s in Maths, Further Maths, Physics and EPQ and Alfie B, who said The VI Form Academy had "improved him as a person," secured a place at Oxford studying Maths after achieving A*s in Maths, Further Maths and EPQ and a B in Physics.



Alexandria G

The results also continued The VI Form Academy's exceptional reputation for vocational studies, with Kiran D securing his place at UWE to study Sport Rehabilitation. An A in Chemistry, A in Biology and Distinction in ICT meant that Charlie S secured a place studying Biology and Medicinal Chemistry at Exeter University.

CSIA Principal Ian Kenworthy said the 2020 results reflected the "inspirational teaching" that occurs at The VI Form Academy every day - no matter the circumstances.

"This past year has been particularly challenging but the results are testament to their outstanding commitment, applying themselves to ensure they reach their full potential," commented Mr Kenworthy.



Alfie B

Mrs Belshaw said, "Along with the wider experiences and skills gathered through our specialist VI Form Academy and CSMS provisions, the results really give our students the competitive edge in both Higher Education and the workplace. Students leave our academy as resilient, ambitious and well-rounded individuals - we can't wait to see what the future holds for them!"

Mr Kenworthy added, "As our students begin the next stage of their journey, whether it's taking up university places, beginning apprenticeships or for our year 12 students, returning to continue their A-level studies into year 13, we would like to say a huge congratulations to them all for such incredible results. It is all testament to the hard work of students and staff here at The VI Form Academy and CSMS, especially in the face of such adversity!"

The VI Form Academy Induction Day 2020

The VI Form Academy at CSIA was delighted to welcome the new intake of students into the The VI Form Academy family on Monday 7th September 2020.

The COVID-19 compliant 2020 Year 12 Induction Day was held on the school site and was a great way for students to catch-up with old friends, make some new friends, and meet the pastoral team in preparation for the next stage of their academic careers.

Six tutor groups vied for the Induction Day Cup as they competed across a range of activities on a sunny day which reflected mood of students and staff. There was a high level of focus and fun as students competed alternative sports, inflatable and velcro football, team problem solving challenges, an escape room, quizmaster, and great egg race. Lunch was a BBQ style buffet which was a fantastic opportunity for the tutees to chat and relax and meet students joining the The Sixth Form Academy from as near as Camborne, and as far afield as the Isles of Scilly.

Reece R said, "It was great to meet our form tutor and make new friends."

Alex C said, "It was fantastic to meet up again with friends."

Ollie T said, "The Induction Day helped us get to know what The VI Form is like, meet up with old friends, and meet new people."

Alex S said, "Everything was fun and welcoming."

Adam W said, "It was a fun day with new people."

Assistant Principal, John Ross said, "After all the uncertainty of the past few months, it was fantastic to have such a positive start to the new academic year. "

Assistant Principal, Sam Joyce said, "I was blown away by the enthusiasm of the students and staff who will be working so closely together over the coming years to produce fantastic outcomes."

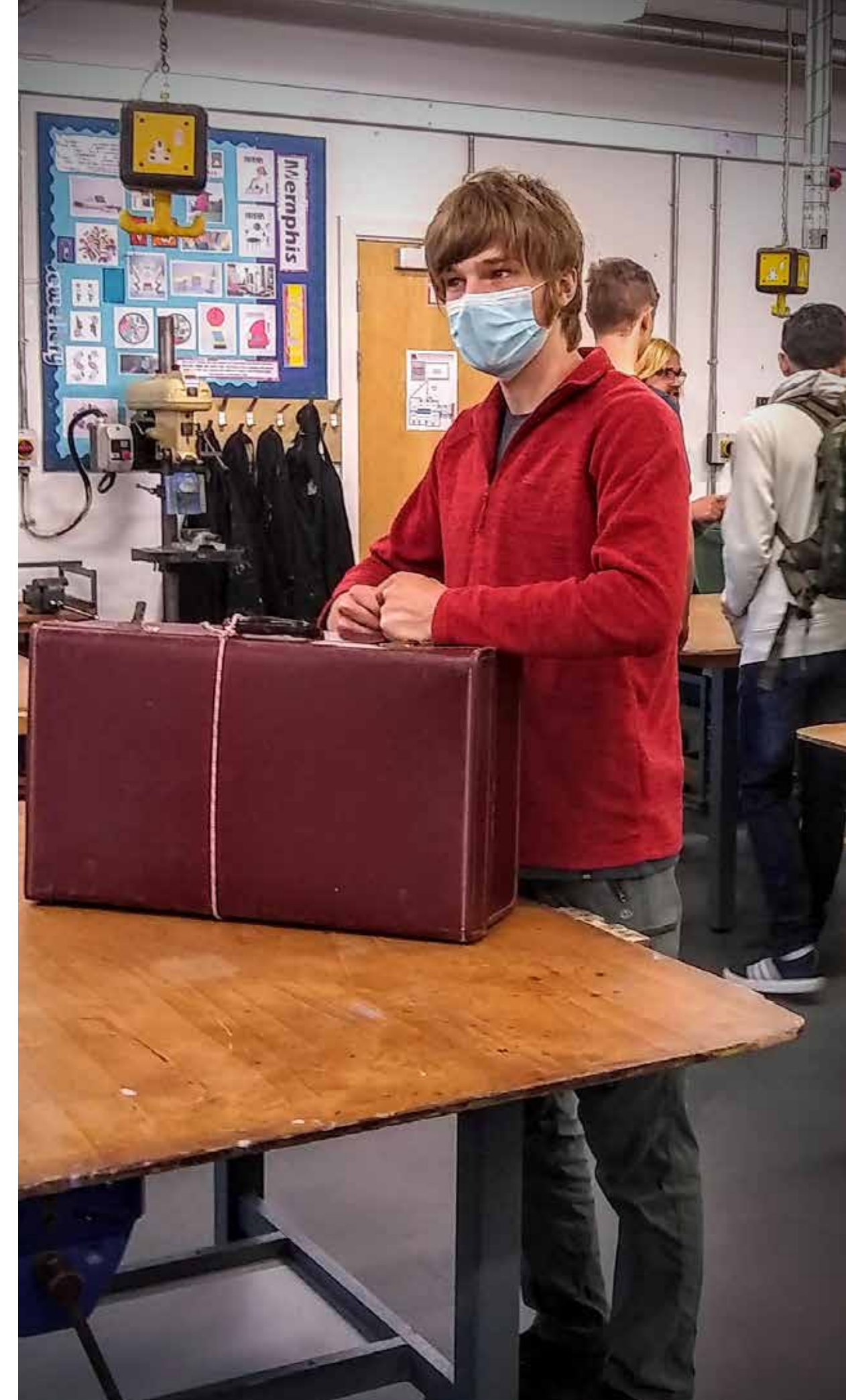
Vice Principal, Sarah Belshaw said, "I am really looking forward to the students continuing to work in such a focused manner, having our amazing staff support them, so that they are able to secure final grades that are inspiring!"

The enthusiasm of all involved is a good indicator that The VI Form Academy will continue to deliver results for its students, which are independently accredited as being in the top 10% of all providers of A-levels nationwide.



"IT WAS GREAT TO MEET OUR FORM TUTOR AND MAKE NEW FRIENDS."





Public Services students make a splash!

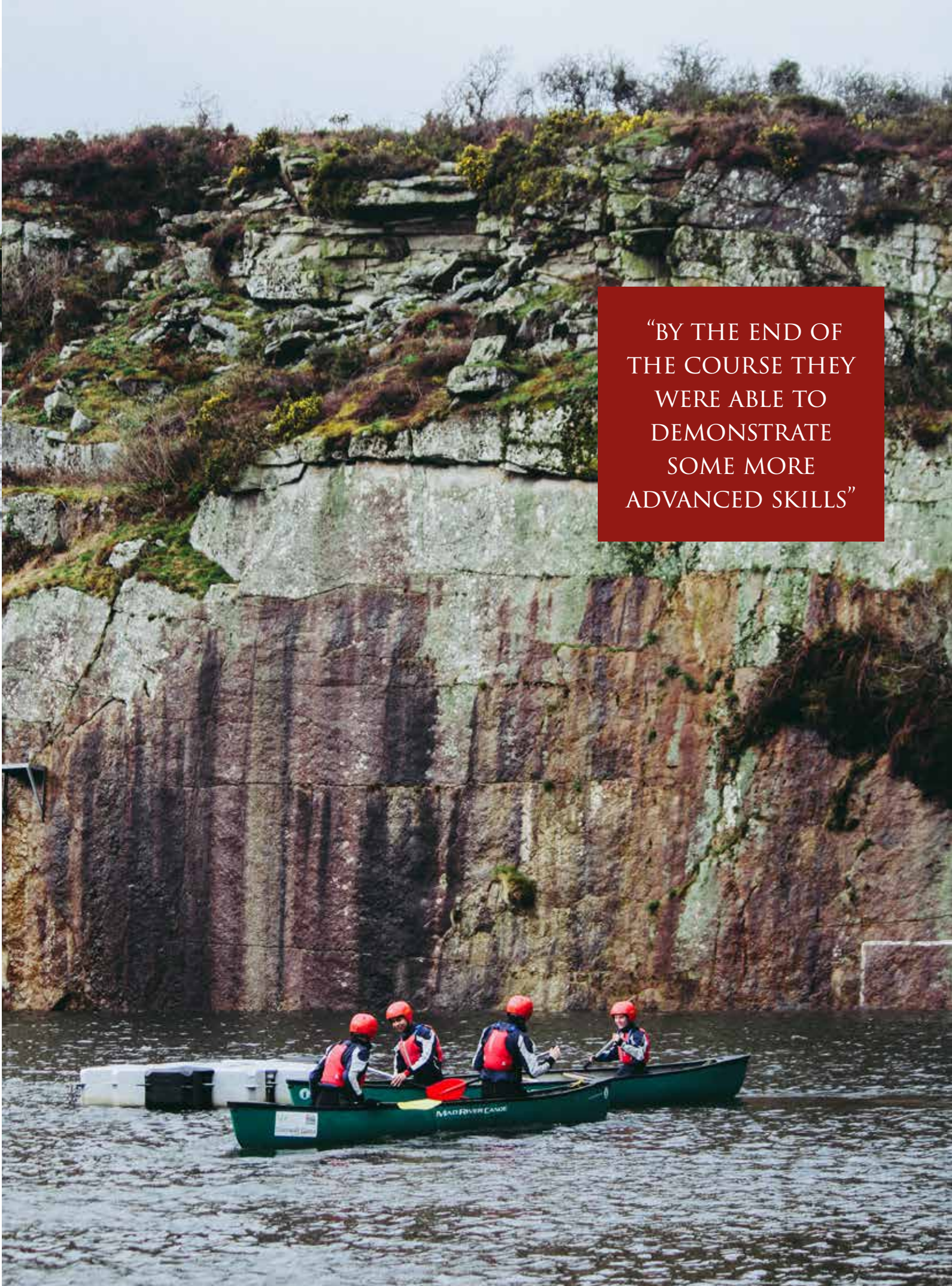
In early March, our Year 12 Public Services students braved the cold quarry water at BF Adventure to complete the practice elements of their course.

The students made 3 visits, progressing their skills and knowledge of both kayaking and canoeing under the guidance of our Director of Outdoor Education, Mr Douglas.

“After a number of weeks in the classroom working on theory, it was great to see the students out really enjoying themselves on the water. I was impressed with how quickly they

picked up the basic skills needed to control both types of craft and by the end of the course they were able to demonstrate some more advanced skills,” says Mr Douglas.

With morale high, the ice cold temperatures failed to stop the group taking advantage of jumping into the water during the final session to celebrate a job well done!



“BY THE END OF THE COURSE THEY WERE ABLE TO DEMONSTRATE SOME MORE ADVANCED SKILLS”

DofE returns... But not as we know it



Niamh and Declan battle storm Alex to display campcraft skills during their assessment

Back in March, our Year 12 Gold DofE students were just days away from heading to Dartmoor to start a challenging 4 day practice expedition when the school closed and all DofE activities stopped due to the national lockdown.

Now in year 13, these same students have remained focused on their goal and were able to successfully complete their Gold expeditions - despite some big changes.

“The timing of the national lockdown was really tough for the Gold DofE students as they practically had one foot out of the door when we went into lockdown! Added to this, many were unable to continue taking part in other elements of their award like volunteering in the local community.

To get around this, the DofE allowed students to change their activities to things which could be done at home during lockdown.” Mr Douglas – Director of Outdoor Education

By the time CSIA reopened in September the DofE awarding body had implemented a number of changes to expeditions meaning it was possible to complete them under the current restrictions. The drama did not end there however, as after a sunny practice expedition



Torrential downpours on day 2

in September the weather changed with the approach of Strom Alex in early October.

“The Gold students really earned their award after 4 days of torrential rain and some incredibly strong winds during Storm Alex. I was forced to impose a number of route changes for safety reasons which the students all took well and worked together to meet the necessary requirements to pass.” Mr Douglas.

One of the groups contained Chloe V who impressed all by completing the expedition in her wheelchair.

“Having not taken part in the Bronze or Silver award, I was slightly apprehensive about taking on such a big challenge. My team were amazing and whenever the terrain was difficult, we all worked together and managed to overcome all obstacles. On day 3, one of my wheels broke due to the constant

rough terrain however this just gave us something to laugh about. I am so proud of myself and my team for getting through the expeditions, especially after all the delays caused by COVID-19” Chloe V, Year 13.

Well done to all students for this fantastic achievement and, as ever, thank you to the staff who gave up their personal time to allow these experiences to take place.

Students shine in Cambridge Chemistry Challenge

Three chemistry students from Cornwall School of Maths and Science (CSMS) have won prizes in the prestigious C3L6 Cambridge Chemistry Challenge.

The challenge, which is run annually for students studying AS Level chemistry, consists of a 90-minute exam paper and requires students to apply some of the most challenging aspects of the course to current themes in chemistry.

With lock-down, record numbers of papers were returned. Over 6400 entries were received, and prizes were given to any students who

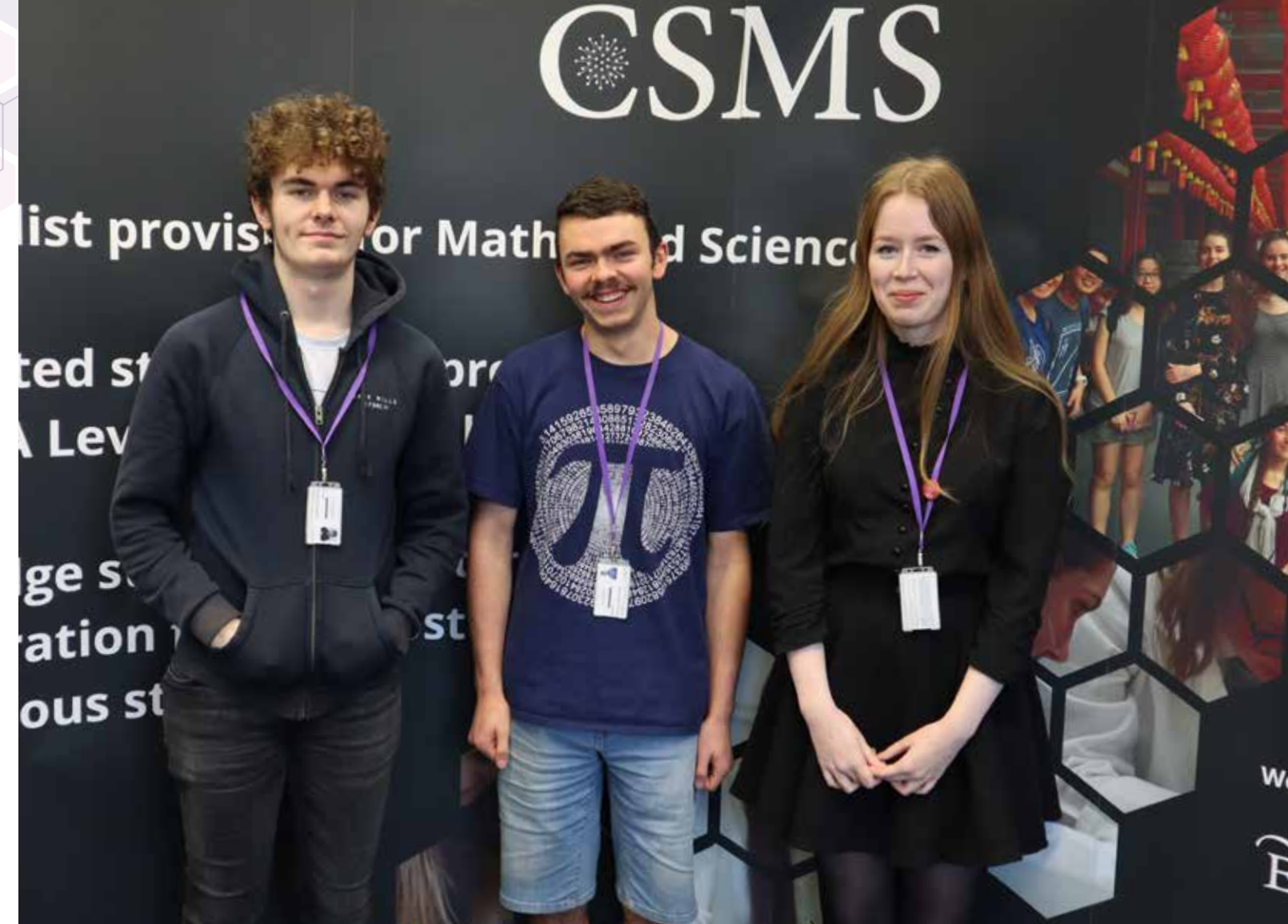
scored greater than 40%, indicating just how tough the questions are.

The levels of award were Copper, Silver, Gold and Gold-star. Molly C and Aidan K both achieved a Silver Award while Henry S-F got a Gold Star, having scored 92% on the paper.

“To have three prizes in the school is a wonderful achievement,” said Dr Gower, Head of Chemistry. “Only

40 students in the country scored greater than 90% so Henry’s mark is truly exceptional”.

“In non-lockdown years, top scoring students are invited to Cambridge to receive their prizes and to take part in a chemistry outreach program. However, this year, Henry is the owner of this prestigious certificate and the knowledge that he is among the best chemists in the country.”



CSMS students show off their mathematical skills in Singapore International Mathematics Challenge

The SIMC is a biennial competition which aims to provide students with the opportunity to be innovative, creative and to develop a global mindset in the pursuit of knowledge.

The event allows students to showcase and pit their skills in a rigorous competition in the application of Mathematics. For the first time, this event was held virtually over a week in early November.

Henry S, Tabitha V and Tristan S took part in an online problem solving and mathematical modelling

challenge alongside students from 64 of the world’s best Mathematics and Science focused schools.

The programme for this year’s challenge included a virtual seminar with one of Cambridge Universities top lectures, Imre Leader, who also set the challenge for students to complete.

Our students showcased their ability to solve new and exciting real world problems based on theoretical mathematics and mathematical modelling, talents that will become invaluable in their university studies and beyond into their careers.

The First Online JSSF International

Students from CSMS have taken part in the 18th Japan Student Science Fair, the first to be held entirely online.



The team of three students took part in online discussions and competitions with over 120 participants from 22 countries worldwide. The event, which spanned three weekends, gave students the opportunity to interact and exchange ideas through a series of video conference calls.

All participating teams submitted a video presentation of a research project they had completed during lockdown. Each team then gave a “live” presentation with an extended question and answer session. The CSMS team, led by Aidan K, had built an antenna, capable of detecting the radio rays reflected from the tails of falling meteorites.

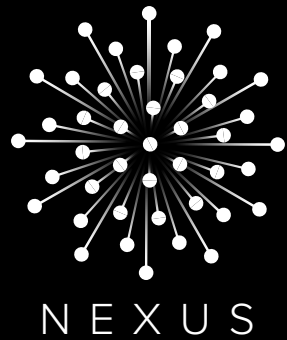
“It was great to be able to share my project,” said Aidan. “There was quite a lot of discussion after my presentation and they asked some really interesting questions.”

In addition to attending the meeting, CSIA was invited to host the discussion group for the western time zones. Student MCs, Molly C and Niamh K took centre stage as they compered student presentations and guided presenters through submitted questions.

“It was quite nerve-racking to be ‘on camera’ but I quickly got the hand of it” said Molly C.

Dr Gower, who had been preparing the students for the event, said “It has been a really unique experience for our students. It is likely this is how meetings and business will be conducted so to have had the opportunity to engage in a prestigious conference like the JSSF is invaluable”.





The start of this academic year has presented us all with new challenges, however, the Nexus students are continuing to excel in all regards. They remain positive, committed, determined, hard-working and are having some fun along the way.



NEW NEXUS 7 COHORT

The new Nexus 7 students have started the year incredibly positively. They have been making friends, adapting to the new expectations of Key Stage 3 learning and been contributing towards the supportive and inspiring Nexus environment. To recognise their successful application to the programme, students were presented with certificates by Mr Kenworthy. Entering the programme requires commitment, a passion for learning and a determination to make outstanding academic progress. Nexus 7 should all be proud of their achievement.



NEXUS KINDNESS DAY

Nexus has a highly supportive and kind environment. Students recognise each other's passions, they embrace each other's difference and are caring for one another when they are in difficulty. To take this to another level, on World Kindness Day, Nexus held its own Random Act of Kindness Day. Across the whole of Nexus, students and staff demonstrated their appreciation for one another by anonymously writing messages of kindness, providing small gifts to make one another smile and putting up posters. There was a real buzz throughout the day.

CO-CURRICULAR PROGRAMME

The Co-curricular after school programme is a central part of the Nexus Gifted Programme. Students in Years 7 and 8 participate in the Foundation level programme and Years 9 and 10 participate in the Advanced level. STEM (Science, Technology, Engineering and Maths) and Nexus Liberal Arts (English, History, Geography, Languages) are all prioritised within the co-curricular programme. Students are able to access subjects that push them beyond the curriculum and encourage them to learn in alternative ways.

Classes such as Latin, Forensic Science, Motor mechanics, Robotics, Chinese Culture, Young Curators of Forgotten History, Politics, Engineering and much more are available. Students are also able to participate in Enrichment classes such as Dungeons and Dragons, Chess Club, Science Club, BeActive sports club and Camborne Crescendo where they enhance their musical skills in fun new ways.



NEXUS SOCIAL EVENT

To reward the students for their commitment to the programme since the start of term and to encourage the students to meet new people, they were invited to participate in the first ever Nexus Social Event. Students had lots of fun in classes such as Hula Hoop Fun, Chilled Creativity, Lego, board games, football and a real life "Among us" game. Students enjoyed making toast, eating sweets and enjoying popcorn. It was a well-earned treat for all.



My name is Andreas and I used to go to Grade-Ruan C of E School on the Lizard Peninsula.

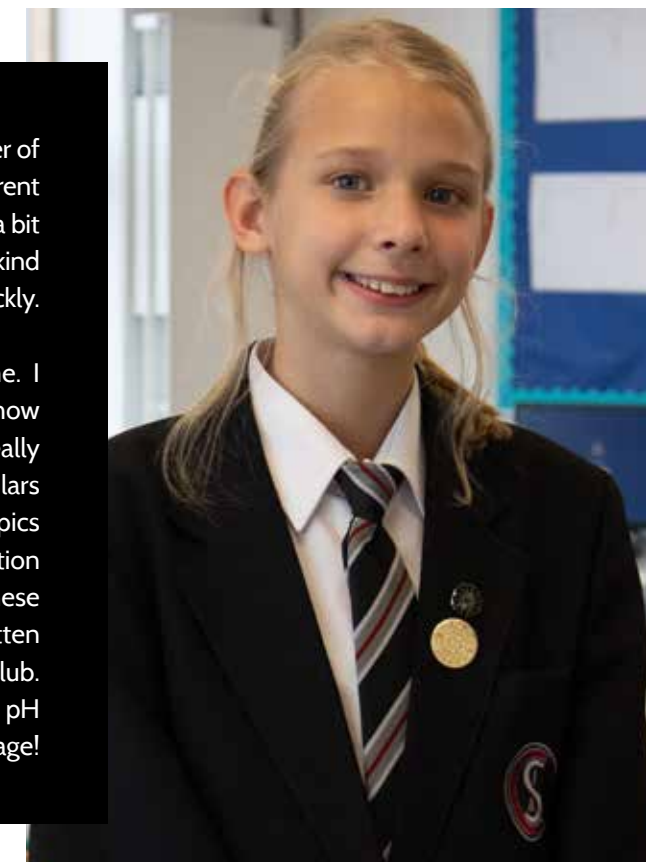
I first heard about Nexus when I was in Year 5: a friend told me about a gifted programme, and I thought it would be interesting to try it out. I went to a few of the STEM classes, and then thought about choosing Nexus as my Secondary School.

What I really like about Nexus is the number of different classes, like Geography, Spanish or Computing. My co-curricular classes this term are: Chess, Journalism and Introduction to Robotics and they're all really fun. My favourite co-curricular activity is Chess, because it's great to learn new strategies and to get better at the game. Overall, it's been a great first term and I can't wait to see what the rest of the year has to offer.

Hi my name is Antonina. I went to Halwin Primary School, a small school Porkellis, Helston.

It was a very small school with only a small number of students. I had many friends but they all went to different schools. When I joined Nexus, I thought it would be a bit difficult to make new friends but everyone was really kind and I made friends on my first day really quickly.

I think that Nexus, overall, is an amazing programme. I just love how unique and caring this school is and how enjoyable learning can be at Nexus. I also find it really interesting and diverse due to all the extra co-curriculars that are really interesting. They teach you about topics that in other schools you probably wouldn't get an option to learn. For my co-curricular classes I chose: Chinese Culture, Science Club and Young Curators of Forgotten History. I enjoy all of them but I really like Science Club. We learn really interesting things like how to make pH indicators out of red cabbage!



Hi my name is Juane. I went to Trevithick Learning Academy.

I first heard of Nexus in Year five when I was invited to go to Nexus for a maths programme; four people from my year went to Nexus and spent about two hours at Nexus challenging our brains with maths problems. After this experience, my mum and I started to look into what they did here and if it would be a nice choice for my secondary school. In the end, I knew this was the right school for me.

Nexus is a very nice school. What I personally like about Nexus is the facilities. Everything has a new look and is always looking the best it could be! I also like the lessons for they are more challenging and that was exactly like I was hoping it to be. One of the virtues of going to Nexus is the co-curricular programme. In this programme, you have a number of classes to choose from. My co-curricular classes are Science club, Young Curators of Forgotten History and 3D Design. My favourite co-curricular is Young Curators of Forgotten History. In this co-curricular, you learn about history that is outside of the average school curriculum such as the mermaid of Zennor, WW2, and WW1. I have really enjoyed my first term at Nexus.



Hello my name is Fergus. I used to go to Crowan Primary School in Praze.

I first experienced Nexus when I took part in the Nexus Easter Camp for Primary schools. When I heard that I could go to Nexus I immediately said yes. When my acceptance letter came I was so pleased that I got in. I like Nexus because of how organised it is.

The teachers are very well educated and can teach me everything I didn't know about that subject. For co-curricular after school, I have "Science Club" which involves lots of practical, "Young Curators of Forgotten History" and "Practical Mathematics Through Time."









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