

Queen Elizabeth's Grammar School Term 6 Newsletter June - July 2024

Dear Parents, Carers and Students,

Welcome to our end of year newsletter which brings together the many activities which have taken place over the last weeks of the academic year.

This is a strange newsletter introduction to write as it will be my last. It has been the greatest privilege of my life to serve as Headteacher at Queen Elizabeth's Grammar School. I feel really proud to have played such a key role in turning it into the successful and vibrant school it is today.

In 2008 around 250 students a day left Faversham to attend the selective schools in Canterbury. Today we are one of the most oversubscribed schools in Kent away from the western borders. It has been a privilege to appoint such a committed and hard working staff, those prepared to go the extra mile inside the classroom and out, allowing us to offer the most extraordinary range of opportunities to our students, as the newsletter demonstrates. Developing this range of opportunities has been a particular point of satisfaction for me.

The teaching and support staff do so much to make this exceptional school such a pleasure to work at and I must sincerely thank all of our teaching and support staff for their dedication, hard work and determination. They are absolutely the key to our success as a school.

Over the past few weeks I have completed the running of the Duke of Edinburgh's Bronze Award for 97 Year 10 students, two expeditions took place in June and over 50 have already completed all the sections of the Award; the remaining students are very close. Well done to all of the students for making this the most successful Bronze cohort we have ever had. I also helped out on the Environmental Science A Level trip to Wales, leading the mountain day on Cadair Idris.

These trips are just a small selection of those on offer at the school and they all offer life skill opportunities. As some of you will know, I support headteachers and leadership groups in other schools; I visited a co-ed Grammar School last week where not one student in Year 11 had ever been on a school trip, which I found really surprising. It also demonstrates how fortunate we are at this school where there are so many opportunities.

The new teaching block is nearing completion, there is still very much to do but we are still optimistic that we will be able to move in at the start of the new term in September. This will be a tremendous new facility with 15 new rooms, more classroom accommodation than we currently have on the A, B and C corridors in the main building. The new building will accommodate 7 maths rooms, 6 languages rooms, a drama studio and a conference room. We will hold an opening event at some point in the summer term

Whilst I will still be working for the school two days a week in a project management and strategic role, my time as Headteacher has come to an end. The mantle is being passed to Mrs McIlroy and I am absolutely delighted to be handing over to such a capable, hard working and knowledgeable successor. Mrs McIlroy will continue to drive this exceptional school forward and I wish her the best of luck in her new post. I know that all staff, students and parents are delighted by her appointment to this important role.

D M Anderson MA FR Head<mark>teacher</mark>



YEAR II CELEBRATED THE END OF THEIR GCSES BY HAVING A GREAT TIME AT THEIR PROM THIS TERM. WE WISH THEM EVERY SUCCESS FOR THEIR NEXT STEPS AND A WONDERFUL SUMMER.























KS3 Graduation Ball

On the final week of the school year, our Year 8 students had a wonderful evening organised for them as a celebration of their time in Key Stage 3. With chocolate fountains, ice creams, pizza and candy floss as just some of the treats laid on for them, they also danced the night away with a DJ and took funny memorable photos in the photo booth. Good luck Year 8 as you move into Key Stage 4, from Mrs Percy, Miss Waldron, Miss Davidson and Miss Newing. We will miss you.

























News from MFL Business Language Champions Event

QE LANGUAGE STUDENTS TALK BUSINESS

On 28th June 38 of our Year 9 and 10 students studying French, German and Spanish took part in the EUROPEAN

CHALLENGE at Queen Elizabeth's Grammar School.

The event, which was organised by the 'Business Language Champions', was a unique experience for our students that required them to use their LANGUAGES and BUSINESS skills. Students worked in teams with students from other schools and competed against each other in marketing and selling challenges.





After an ice breaker activity and a keynote talk with top tips for international business, student teams turned into representatives of the Bassetts company in charge of marketing and selling jelly babies to an international market. Teams had to choose trade fairs, design a trade stand, make phone appointments in a foreign language with Lidl, create a promotional flyer and tv advert, give a short product presentation in the 'boardroom' via Zoom and they finished off with a selling challenge where they had to convince potential buyers that their product is the best for the target market.



QE students were the winning team, out of a total of 10 teams and were presented with certificates and vouchers. Well done QE students for having been fantastic team players - so polite, engaged and creative!





GERMAN YOUTHBRIDGE AWARD



Every year, the British-German Association offers the Youthbridge Awards for excellence in German to all UK schools teaching German.

Congratulations to Jemima and Jaime in Year 12 for winning first and second prize for their excellent projects, winning a German travel guide, certificate and cash prizes of £40 and £25. Jemima produced a fantastic presentation of delicious German food including a video of her making Schwarzwälderkirschtorte (black forest gateau). Jaime's focus was on the German singer "Blümchen" meaning "little flower" and third prize went to Katie in KS4 for her reflections on everything German. These projects certainly enrich their German career profile and we look forward to seeing more entries next year!





News from MFL

World Languages Day

UKC Year 8 World Languages Day

On 3rd July, some of our Year 8 linguists

were selected to attend WORLD LANGUAGES DAY at the University of Kent at Canterbury. The day began with an introduction in a lecture theatre by Dr Alvise Sforza Tarabochia, who talked about bridging worlds, bridging cultures, the power of languages, intercultural communication and body language. It was very interesting to work out the meaning of a conversation shown to us purely by watching the body language.



We were then divided into groups and attended different workshops including Chinese Ribbon and Fan dancing, Welcoming a Roman Celebrity, and experiencing taster sessions in Norwegian, Japanese and Ukrainian.



<u>Día de la Hispanidad -</u> <u>Hispanic Day</u>

On Monday 15th July Year 7 enjoyed a lovely day full of Hispanic Culture! Not to be disheartened by the Euros result everyone embraced a range of activities from Tapas tasting to Flamenco, run by Dance Days UK. Not only this but they relished the opportunity to become artist for the day and recreate pictures in the style of Miró.

The sessions were rounded off with a film by renowned director Guillermo del Toro - El libro de la Vida. In subsequent Spanish lessons this week students have been writing their movie reviews and expressing their opinions on the characters and highlights from the film.







Follow these links if you'd like to try these dishes at home:

Pan con Tomate: https://spanishsabores.com/super-simp le-pan-con-tomate-recipe/

Palmeritas: https://tasty.co/recipe/palmier-cookieseasy-dessert

Sangria Lite: https://spanishsabores.com/non-alcoho lic-sangria-recipe/





1st place - Max 9Q 2nd place- Eleanor 8Q 3rd place- Lucia 7G



Summer fair success

A breeze and the occasional shower of rain did nothing to dampen the spirits at this year's Friends of Queen Elizabeth's Grammar School Summer Fair.

Held on Saturday 6th July, the school community came out in force to enjoy the many stalls and activities on offer and to raise much-welcome funds for projects that will enrich the school experience of every pupil.

From the ever-popular bottle and chocolate tombolas to foody stalls including hot dogs, strawberries and cream, and delicious homemade cakes, there was plenty to tempt the taste buds.

Many parents, carers, teachers and pupils offered their time and talents by helping run one of the numerous game stalls, with the likes of Splat the Rat, Coconut Shy and Welly Wanging offering the chance of some traditional fun.

There was also a brisk trade at the second-hand uniform stand and library stall, where many a pre-loved bargain was to be found.

The summer-vibe was 'turned up to 11' thanks to the plethora of talented musicians and bands from across the year groups who entertained fair-goers all afternoon, and who helped bring out the sunshine.

The culture didn't stop there either, with a display of pupils' Artwork further showcasing QE's artistic talent.

In total, an incredible £7,498 was raised, with generous match funding for the Prize Draw from Barclays.

Mr Larter, Chair of the Friends Association said: "This was another example of QE Grammar School at its best. It was wonderful to see so many people come and support the day and clearly having a great time. Given the challenging times we are in, this really is an amazing amount of money to have raised and will make a real difference to pupils."

Offering his thanks to all those who helped make the fair a success, Mr Larter said:

"I want to take this opportunity to say a particular 'thank you' to Andrea Moorhouse, who has expertly organised the Summer Fair for the last few years and who gives so much of her time and energy to making sure it runs as smoothly and efficiently as possible. We will miss her from the PFA as she steps down this year."



He also added that the Friends of Queen Elizabeth's Grammar are grateful for the generous support that has been given by the school community to fundraising activities throughout the year. These have included a Quiz Night, uniform sales, and refreshments at school events such as Open Evenings and the school production.

"We look forward to more events next year and sharing details of how the funds raised will be used. We also always welcome new members, so please make contact if you are interested in being part of this enthusiastic team."

SEND @ QE! section of the school newsletter

I can't actually believe that this is the last SEND segment for this academic year! It has flown by!

Again, this term's focus is a celebration of all things SEND and how Special Educational Needs and disabilities shapes our world.

Taylor Swift's Eras Tour has been hailed recently as being one of the most inclusive live shows around. Many of the shows contained at least four sign language interpreters, that not only signed the songs but also performed them in costumes often as sparkly as the singer herself!

Also this year, Newcastle United Football Club unveiled new "haptic" kits that have enabled fans who are deaf or have a hearing loss to have a better experience of the atmosphere at St James's Park. The replica shirts use sensors which vibrate when action takes place on the pitch. The technology is ground breaking and designed to give deaf fans a sensory experience of a match day.

Through this initiative the Club hopes that this initiative will enable deaf fans and fans with a hearing loss, to feel a part of the club and the match. Deaf fans can literally "feel" the roar of the crowd, the chanting and the excitement of the game.

Win

By introducing sound shirts and promoting awareness of accessibility issues in football stadiums, Newcastle United hope to inspire other clubs across the Premier League, Europe and beyond to adopt similar technologies and initiatives, so more fans across the world can enjoy the matchday experience in full.

> A huge shout out to Ralph H, Year 8 who has had a few busy weekends at Regattas. At Derwent Reservoir (Newcastle) Ralph achieved a 4th Overall at the last National Series event NS5 and 4th overall Nationally, so two trophies and prizes, which he was very pleased with. At the KSSA Regatta Ralph, got a 2nd overall in race 1 and a 5th in the 2nd race, a mixed fleet, and **1st for the Topper fleet.** He won by 4.5mins and was on a 4.2 sail and even without handicap was so far ahead. The wind was crazy, a force 6-7 and at one point 8 which is a gale. They did abandon the racing but they still had to sail in the winds!!! He didn't capsize and kept a very level boat and head. Well done Balph

> > Carys A sat her Grade 8 violin and passed the exam with a distinction. There were a few tears of relief from Carys and a lot of celebrating! She now retires from formal lessons with a Grade 8 violin and Grade 4 piano in the bag. She's planning to join an orchestra at University. Mum said ' If QE ever need her to help and she's back home from college, I'm sure she would be more than happy to help.'

and kept a very level boat and head Ralph. Carys A There w now ret the bag. We would like to congratulate and celebrate the incredible achievements of Chloe B in Year 7. She is an amazing Footballer who has been re-signed by Arsenal Academy for another year and has also been selected to represent Kents Schools Football in the U14 girls' squad. There were over 220 girls at the initial trials, so to make it through to selection is a fantastic achievement. Good Luck to Chloe next season...

Another huge Well Done to Ollie B, who also has selection news! Ollie has been selected onto the England Water Polo Talent Pathway. We look forward to hearing more news from both of these students as they work hard in their chosen sports.









STUDENT

SHOUT OUT







Believe in Better (Understanding and Tackling Anti-Semitism)

Year 8 have been involved in a workshop, delivered by EqualiTeach, to complement their studies of the Holocaust, WWII and the ever contemporary topic of prejudice and discrimination. Students learnt how Anti-Semitism can manifest in school and the wider society and considered the impact of Anti-Semitism. Year 8 were also informed on what to do if they were to witness or experience Anti-Semitism.



"The presenters were enthusiastic and knowledgeable about current issues" Isabel "I enjoyed the activities and tasks we completed, they were very interactive" Emma

In June, Year 10 were blessed with wh summer weather for their GCSE fieldw applying some of their theoretical know landforms to a 'real life' example. Fur among other things to measure the gr using a range of fieldwork equipment.

In June, Year 10 were blessed with what now appears to have been the best of the summer weather for their GCSE fieldwork trip to Reculver. 80 students spent the day applying some of their theoretical knowledge about coastal processes and coastal landforms to a 'real life' example. Furthermore, they acquired new fieldwork skills learning among other things to measure the gradient of beaches

After a very busy day collecting data, Year 10 are now in the process of analysing their data and writing up their findings, which will form part of their preparation for their final GCSE. Well done to all of the Year 10 for their excellent behaviour and high level of engagement with the day.

Last week Mr Sladden led all of Year 8 on an out of school pursuit to experience some fascinating local history. As many of you will know, we are so lucky to have a fourteenth century copy of the Magna Carta on display here in Faversham and, as we have been exploring 'Authority and Rights (1066 - 1945)' throughout the year in our lessons, this was an opportunity that we were hungry to seize. We would like to thank all of the volunteers both from the staff here at QE and the wonderful people at the exhibition in the Town Hall for enabling this trip to take place - and for putting up with us! Also this term the Great History Debate has completed its Quarter Finals stage of the knock out competition. Topics such as how Winston Churchill should be remembered and the true impact of Britain's Industrial Revolution have given debaters from Years 7, 8 and 9 the opportunity to research, persuade and interrogate

each other. The Semi Finals and Grand Final will take place in the first

term back after the summer holiday and we are very much looking forward to seeing Edward, Eva, Emmeline, Mary, Jude and Emma pit their wits against each other. I (Mr Buckland) would like to put on record my sincere gratitude to all of the judges who have helped us to adjudicate - especially Mr Piotrowski who has been an ever present by my side and whose eloquent questions have stretched debaters to their intellectual limits. I would also like to thank everyone in Years 7, 8 and 9 who have come along and watched the debates. Many of you have fired questions at the debaters and your support for this new club has been greatly appreciated. Finally,



the club will certainly be running again next year and so if you are a pupil currently in Years 7 or 8 then why not pluck up the courage and get your name down when the advertisement does the rounds? If you are in year 10 next year then take up the chance to get involved in the Senior Debating Club - you won't regret it!

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Ueba



Early this month, the school held its second QEbay event, this time for Years 7 through to 10. QEbay is a Green Group initiative that has been planned and managed by students within the group. Through such events, Green Group hopes to promote sustainable practices within the school and among our students. The event was held over lunchtime and because of the level of donations from students, staff and parents/carers we needed two teaching rooms for the event. QEbay was very well attended and in the space of just an hour we raised over £170. The money raised from this event will now be reinvested back into Green Group to support other projects we are currently interested in. We would like to thank all those who donated and supported the event. Watch this space for future 'QEbays'.







PE News - Term 6 2024

Wow, this has been a wonderful summer for the QEGS PE department, not in terms of the British weather, but in terms of success. We have brought home quite a bit of silverware and have seen students participating and competing in a variety of summer sports. It really is so brilliant to see. We continue to be a force to be reckoned with in our district of secondary schools in the Canterbury & Coastal area and are very proud indeed of all our sporting stories.

Rounders Well done to the Year 7 rounders team this year, captained by Maddie H. All members of the team have worked exceptionally hard this term during their lessons and training after school. This was proven when

crowned District Champions at the end of year tournament, as well as giving Year 8 a run for their money during training sessions! The motivation, dedication and all round supportive nature this team possesses is outstanding - remaining undefeated throughout the entirety of this season.

Yet again, the Year 9 team remains undefeated for a third year in a row. The team not only worked extremely hard during fixtures and the district championships, but their dedication this year to attend training sessions was phenomenal. With some new additions to the team this year, QE are going from strength to strength within their physical performance, but also communication and



team cohesion.



A huge WELL DONE to the Year 8 Rounders team. The communication and team spirit within this group is second to none. We finished as winners at the District competition beating Simon Langton Girls School A and B teams along the way. A big well done to Darice D for leading the team and special mentions to Susie M for her phenomenal catching,

Maddie M, and Zhana W for their excellent fielding. Well done all.

A big well done to all Year 10s that attended Rounders training and who represented the school in District fixtures. It was a shame that your talents could not be showcased at our District tournament due to a date change but we are so proud of your dedication to the team. A big thank you to Niamh G for her captaincy this season. Both Miss Waldron and Miss Washington have really enjoyed their Rounders season with all of these teams ad are excited to see what next year will bring for these outstanding players.



Athletics

Despite the non-summery weather we've been having, the Athletics fixtures have continued to happen and students have been performing really well indeed. The district Rose Bowl Championships are always the highlight of the calendar - an event held at Canterbury Academy on the synthetic track with over 10 schools in attendance. This draws the very best athletes together from all of the local schools and is always a very prestigious and tough competition. We took a full team of athletes, mostly from Years 8 & 10, but with some outstanding athletes from Years 7 & 9 too.

District Champions were made in the Junior Girls' 1500m (Abi W) and Discus (Isla S) competitions and the Inter Girls' 300m (Oceane A) and 1500m (Jess P). There were also many second & third placings, resulting in a very consistent team performance. Both girls' teams finished in a very strong 2nd place overall, behind a dominant Simon Langton Girls' team. Oceane's 300m time has run her all the way into the school Athletics record book, breaking a record that has stood since 2016. A huge congratulations to Oceane.

Some of the inter-age group athletes were competing for a third consecutive Rose Bowl title. Thomas H has played a key role in our success, consistently finishing in the top 2 in the district javelin, only behind a national competitor. Congratulations on his PB of 31.83m this year. Jack T has performed as a 100m sprinter, but the last two years he has favoured the discus and he too, has consistently finished in the top 3 along with our shot putter Jacob T, who managed to win his event despite being injured for a majority of the season. Other notable performances include Lewis B in the 200m race and Leyton B who has found his niche. Amber G, Sunee R, Niamh G & Grace T have all been dedicated performers in the Athletics team throughout their time at school and didn't disappoint on the day. They all performed exceptionally well in their chosen disciplines and we couldn't be more proud of such an enthusiastic group! Cont'd.....



The boys' teams also performed consistently well, placing 3rd & 4th in the boys' competitions. This meant that our entire QEGS team came away as overall winners (by more than 20 points) of the district title and we were able to take the Rose Bowl home to Mr Anderson for the very last time. This is a huge accolade to all the hard work of all the athletes, both in and out of lessons, and also to the excellent foundations being taught in our Physical Education lessons.

Just a couple of weeks later, our Year 7 team were in action at their own district festival, held at Herne Bay High School. Once again, QEGS proved a dominant force in both the track and field events. Libby W sprinted her way to the title of '100m District Champion', along with HS as the 'District Shot Put Champion'. Zac L also came away from the competition with the Long Jump title and so many of our athletes finished in a very close second place in their event.

It is due to the overall consistency of excellent performances that the Boys' team were crowned Boys' District Champions AND the whole team once again won the overall Championship title.

All the junior athletes have represented the school with great pride and dedication, and there will certainly be more success in the future. However, one of the individual highlights of the season was Ethan B in the 800m. Over the last couple of months, he attempted to break a 30 year old school record set back in 1994. At the Rose Bowl, Ethan ran a phenomenal race. He paced himself throughout (against mostly Year 8 stu



but this was all part of his plan. He gradually started to pick off competitors as he moved through the gears and in third place, on the last bend, he set off on his sprint finish overtaking 2nd and 1st before they had enough time to react and he won gold, 3 seconds ahead of silver. A fantastic race to watch! Now, the record time to beat was 2.36.00. Ethan completed it in 2.35.18. He then blew this record away, on grass, at the Year 7 Championship in arguably a more exciting race at the finish line with a time of 2.31. He has been a true athlete throughout!

Cricket

District Cricket matches have been hard to come by this year with many of the other local schools focusing on softball as a strike and fielding alternative. Despite this we were very pleased to host Borden Grammar School in a round of fixtures at each Key stage.

Our U13 cricket team was ably led by Thomas C from 8F. QE batted first but runs were difficult to come by. Ollie H top scored (15) and Isla S came to the rescue with some lusty blows at the end of the innings. QE posted 79 runs in total with extras being the highest score! Borden knocked off the runs, comfortably winning with 8 overs to spare. Ollie L was our most celebrated bowler managing to take 2 wickets for O runs!! Despite the heavy loss all students had fun and it was great to see so much potential within the team.

Our U15 cricket team fared much better in their match against Borden. They bowled Borden out for 82. Dhylan S and Charles H were the pick of our bowlers, however it has to be said everyone played their part in an excellent bowling and fielding display. Debutant Matthew N picked up a wicket with only his second ball much to the delight of the players and spectators. QE batted with confidence - Connor F, Dhylan S and Luca S all retired at 25 runs a piece and the team won with 9 overs to spare.

Swimming Gala

Wow! What a day we had - the sun came out, it was warm and Faversham outdoor swimming pool looked amazing. As always our student behaviour was impeccable and we were all treated to a showcase of QE swimming talent! In the lower school Sydney M and Ruby M stood out as exceptional swimmers winning their events with ease. In total, four School swimming records were broken.

Jessica P broke the U15 girls Breaststroke and Butterfly records that had both stood since 2004.

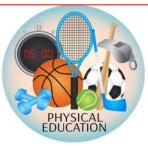
Zeno B claimed the U15 boys backstroke record - held since 2004.

Ella R beat the U14 girls Butterfly record which was set last year by Harriet R.

Overall the gala was won by Q house!



Well done to all participants and a big thank you to Mr Charlton for organising such an amazing event.



The David Smiley Tennis Open was very popular this year amongst players and fans alike. A total of 78 pupils across all year groups participated in the competition, 28 of these were from Key Stage 3. The KS3 competition offered plenty of entertainment and it was great to see so many brave, young players enjoying tennis in the rain, wind and sun - great dedication from all involved! Oskar G was the last remaining Year 7 player at the semi-final stage and he made his year group proud, but lost to Iwan D (8F). Patrick M went through from a bye into the next round and lots were too scared to face him! We look forward to seeing Patrick and Iwan battle it out in a KS3 final.

The 'whole' school competition showcased some of the best talent for a number of years, but there were definitely a few upcoming players who demonstrated great potential for next year. Ethan T (9F) should take huge confidence from his performances in the early rounds with his amazing technique and he definitely would have made it further if he hadn't faced last year's champion, Harry P(9F). Nathaniel D (10G) deserves great credit for pushing Harry all the way to deuce in most of their games in their quarter-final encounter. Josh W (9S) is improving in all aspects of his game and I am sure that he will be a formidable opponent in 2025. Patrick M, knocked out several players older than him, but had to withdraw due to illness. The first of our semi-final games was played in very tough, blustery conditions, but both Dougie D (13B) and Mihai B, our number 1 seed (12C), somehow still managed to produce the highest quality tennis of the tournament. Dougie deserves huge respect for taking 2 games off Mihai with the match finishing 6-2. Oscar T (11S) also had a very challenging opponent in last year's winner, Harry P. Harry produced an excellent array of powerful forehand drives to move Oscar around the court and it took awhile for him to adapt. Oscar matched him with some wonderful lobs and slices of his own, but it was too little too late and Harry came out on top, 6-1 to reach his second consecutive final. We look forward to reporting the outcome of the Grand Final, due to take place later this week.

The PE department would like to thank all the students for another very successful year and to all those who support us and the students to achieve as much as we have. We just couldn't do it without you all. We wish you all a restful, but active summer(!) and can't wait to hit the ground running once again in September.

Team PE



Mental Health Friends from The Mental Health **Campaign group of Kent Youth County Council** (KYCC)

The link below provides information to:

 Help your child understand the importance of their own wellbeing.

 Recognise the signs and symptoms of a young person who needs mental health support.

 Know where to go to get professional help and support.

https://moodspark.org.uk /mental-health-friends-ha ndbook/



Students have been exchanging their hard earned behaviour points this week for a range of rewards. Well done to everyone for their achievements throughout the year.

Kooth are offering free KoothTalks webinars during the holidays including:

"Parenting pressures during the summer holiday and how we can help"

https://docs.google.com/forms/d/19a5eP3nK IIhtXFynLcDt-HafsafYTc9r5sMj8z6UsKs/viewfo rm?edit requested=true

Online sessions around anxiety management - especially helpful for new Year 7s and those entering exam years:

Helping your child manage anxiety https://share.hsforms.com/1p-Tcz3srTC-2J6JL L3DJfgc5dpg





Our Peer Mentors and Mentees enjoyed an end of year celebration to look back on their experiences throughout the year. Our Peer Mentors have assisted in the general transition to secondary school including building confidence, developing resilience and character and raising aspirations.

Finding out about your exam results can be stressful. And you may be worried or unsure about what's next.



But whatever happens, there are things you can do and ways to start feeling better.

Childline provide the following information to support during exam results time: https://www.childline.org.uk/info-advice/sch ool-college-and-work/school-college/exam-re sults/

^{The} VILLAIN Awards

A variety performance of the cruellest evildoers of all time.

23rd & 24th March 7pm 25th March 2pm

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DESIGN SUCCESS



Niamh in Year 12 won a competition to design the trophy for the Kent Wellbeing awards. There were lots of entries so this is a big achievement. Ben in Year 12 also was commended for his design for an award too!

Simon Dolby, Development Lead at Mind staging the annual awards, said: "We were thrilled at both the volume of entries and quality of the designs submitted." Niamh will see her winning design roll off the production line at Cactus Graphics, based in Dover, cut from sustainable bamboo sheets. The Kent Mental Wellbeing awards is an annual event designed to showcase the people, organisations and initiatives that help us cope with life. The event's three themes are: kindness and compassion; wellbeing; mental health.

The awards will be staged in October by the mental health charity Mind in Bexley and East Kent in collaboration with a range of wellbeing and mental health organisations. Nominations can be linked to a simple act of kindness that lifted the spirits, a business that has improved staff wellbeing, through to a targeted initiative delivered by a charity or statutory organisation to support a mental health issue

The deadline to submit nominations is noon on 1 September. Submit nominations at www.kentmentalwellbeingawards.org.uk For awards news follow @KentMWAwards on Facebook and X, the platform formerly known as Twitter.

Student Work Exhibited at the Turner Gallery



'Portfolio' is a platform for young people living in Kent and Medway to get their art and ideas out in the world. Each year the Turner Contemporary collaborate with a local organisation to set the brief and select work to be shown as part of their summer exhibition.

Cara in Year 11 has had her artwork selected to be exhibited in the Turner Contemporary, Margate, this summer.







Two of the Year 12 Product Design class had their entries for the Rotary Club's Innovation Competition shortlisted, which meant an invite to present their design ideas to a panel of judges at CCU.

Zak presented his innovative "Effortless Bench" – a "rotating" outdoor bench that addresses the problem of benches being unusable after rainfall. He set out the problem and his solution with effective illustrations, and touched on factors such as materials, costs, manufacturing and marketing. Next, Sophia presented "Tea Timer". She aimed to solve the problem of drinking tea at a comfortable temperature rather than forgetting about it and wasting it.

After the last presentation, the judges deliberated while Gary Robinson gave a talk titled "From idea to product...a fun journey?" Commending all the finalists before he started his talk, Gary remarked: "I've had *Professors* whose presentations are not so good." He reiterated the tech mantra: "Try again. Fail again. Fail better". Gary finished by encouraging the youngsters to stay innovative, stating "there is always a need for new ideas".

The first prize, to much applause from the audience, went to Zak for his "Effortless Bench". "His was not only a confident and assured pitch," said Stefan, "but the simplicity of the design impressed us a great deal".



Former Student News

Former student, Beth Lewis studied both Art and Product Design A levels at Queen Elizabeth's. She invited her teachers to attend her end of year exhibition at UAL, Chelsea, where she showcased her magnificent final piece, an altar made from Ash and Oak. It was great to see one of the faculty's award winners go on to develop her interest and skills in the world of design and wish her all the best for the future!

> university of the arts london







AMSTERDAM 2024



In the first week of this term, 24 students from Year 12 studying Art, Film and Product Design went on the faculty's annual trip to Amsterdam for 5 days. With a 2am start on the Monday and an 11pm return on the Friday, students really got a full trip! Throughout the trip students were encouraged to sketch and film at every opportunity to really appreciate and see this amazing city. The group stayed at the Stayokay hostel next to the beautiful Vondelpark.



Day One - the group travelled to Amsterdam, had a 3 hour walking city tour and did a little bit of exploring, shopping and relaxing in Vondelpark.

Day Two - Students visited the Rijksmuseum, went on a canal cruise of the city and explored the markets. In the evening the students explored Amsterdam by night.







Day Three - Today there were visits to the Van Gogh and Stedelijk museums, a tour of the markets, Nemo Science museum and played Dayglow crazy golf.







Day Four - The day started with a visit to the Eye Film museum followed by a visit Europe's largest street market. The group then stopped at the National Holocaust memorial and the rest of the day was spent at Amsterdam Zoo. In the evening there were design challenges including tower building, a quiz and a fashion show.

Day Five - On the final day, the students got to appreciate the freedoms they had been enjoying over the past few days. A visit to the Anne Frank museum really highlighted the atrocities during WW2 and really made students appreciate how fortunate they are today. The rest of the day was spent doing last minute shopping before travelling home.





Drama & Music Workshop

Drama and Music GCSE students learnt how to let it go and build a snowman with their trip to see 'Frozen' in the West End.

Students took part in a music and movement workshop with professionals learning choreography from the show, before exploring Covent Garden - a historical site for musicians and thespians alike. The show featured at Theatre Royal Drury Lane which Drama students study as an iconic performing space, first built in 1663 and boasts the first professional female actor on the stage, Nell Gwyn. Students were engaged in the high end and creative Disney classic - speaking at length about the design, music and acting standard of this high end musical.





Royal Shakespeare Company Associated School

The Drama department are delighted to announce we have been successful in our application to become a RSC Associated School. This programme provides participating schools with a wide range of opportunities for their pupils such as performances at the Marlowe Theatre and across Kent

The aim of the programme is to bring Shakespeare to life for our pupils. Being a RSC Associate School has brought a vibrancy and excitement to the teaching and study of Shakespeare at Towers School

To guote the blogpost from the Tracking Arts Learning and Engagement project funded by Arts Council England, If anyone tells you Shakespeare is boring... I urge you to send them to Towers School, where the young people will quite happily prove you wrong.'

NEW DESIGNERS

ASSOCIA

and

the DESIGN London MUSEUM

FRIDAY 5TH JULY



Year 12 Product Design students attend the New Designers Exhibition at the Business Design Centre, London. New Designers is an annual showcase of the UK's most innovative emerging design talent. After this event the group went to the Design Museum to study some iconic works from the world of design. This day was a great opportunity for QE students to research potential courses they would like to study and source inspiration for their A level projects!









Queen Elizabeth's Grammar School Music Department

Firstly, I want to say a big well done to all GCSE and A Level students for completing their respective courses! To complete both the GCSE and the A Level in Music takes true self-discipline and perseverance to develop your craft, particularly with the coursework. Well done to you all for working so hard on completing your studies, and I hope you all enjoy a well deserved break.

The inaugural Kent & Medway Grammar School's Piano Competition was held at St. Gregory's Centre for Music in Canterbury on Saturday 22nd June, with our own Jemima E (Y12), Felix E (Y13) and Emilia K (Y12) & Mihai B (Y12) competing in the Grades 5-7, Grade 8 and Duet classes respectively. Jemima and Felix both placed very well, and were highly commended for their performances by world-renowned guest judge David Owen Norris. However Emilia & Mihai's duet was a class above the rest, and the pair won the duet class! Well done to all our pianists, and congratulations to our duettists for being county champions!

The annual Summer Fete was a true musical triumph this year. This event grows each year, with more and more QE musicians signing up to perform, and the standard of performance has been elevated each time too. This year saw 10 different artists and groups performing throughout the afternoon; from a brilliant solo by Evie C (Y11), to small groups such as the KS3 Jammers and OneWaye, all the way up to the established bands of Clockwork Kingfisher, Sidetracked and Lizopation. It was wonderful to invite the QE Fiddle Group to perform this year too, who had to battle with the elements and regroup under shelter to continue playing, and hats off to all the young players who were not phased by this at all! Thank you to all musicians involved in making this year's Summer Fete a fantastic festival of music, and thank you again to the PTFA for the purchases of some new PA equipment for these events, and for their continued support for Music at QE.

The CAT Faculty exhibition evening was a huge success, where we celebrated our fantastic prize winners:

The Harry Beach Prize for GCSE Music The Rod Chadwick Prize for Service to Music The Austen Prize for Musical Achievement Charles M-K (Y11) Zoe R (Y13) Felix E-M (Y13)

These students have each demonstrated amazing musical ability and dedication to developing their own musicality, and those around them. They are selfless in their work to develop Music at QE, and I thank and congratulate all three of these wonderful musicians. Thank you also to Clockwork Kingfisher and Sidetracked, who performed brilliant sets before and after the awards ceremony.

Even though the summer holidays are here and we can all enjoy the break, QE Music is still in action over the holiday! Three separate QE bands are in action at this year's Faversham Hop Festival, and are well worth going to see, sing along with and support!

Clockwork Kingfisher Lizopation Sidetracked Albion Taverna The Alexander Centre Hoppers Market Stage

Saturday 31st August, 12pm Saturday 31st August, 2pm Sunday 1st September, 11am Finally, a number of QE musicians have completed ABRSM and Trinity grading exams this Winter; congratulations to all pupils who have achieved such great results on their instruments!

Carys A	Y13	Grade 8 Violin with distinction
Jemima E	Y12	Grade 8 Piano with merit
Ken L	Y11	Grade 5 Violin with distinction
Henry W	Y7	Grade 5 Viola with merit
Jim H M	Y10	Grade 5 Piano
Jessica D	Y10	Grade 5 Piano
Miou L	Y9	Grade 4 Piano with merit
Annie N	Y7	Grade 3 Violin
Emmeline S	Y7	Grade 1 Viola with distinction
Eleonore D P	Y8	Grade 1 Violin with merit



GCSE DT & Art Exhibition









On 20th June we held our annual GCSE exhibition. We exhibited Year 11 coursework and some of the Year 10 outcomes. The event was very well attended and was enjoyed by all.

The standard of work was exceptional and all of the students should be so proud of their achievements! Well done all!



Creative Arts & Technology Faculty Exhibition and Awards Evening

On Thursday 4th July the Creative Arts & Technology Faculty held its annual exhibition of Art and Design work. The very best work from across the faculty was on display, showcasing final A level work from Art and D&T, presented alongside the pick of the work from KS3 and 4 as well as a preview of next year's work from our very talented Year 12 students.

It was also a chance to reward individual success from across the faculty in our awards ceremony hosted in the theatre. The Film and Music department showcased some exceptional pieces during the awards. The evening was a great success, well done all involved and a special thanks to the faculty support staff for all their effort setting up a great display!

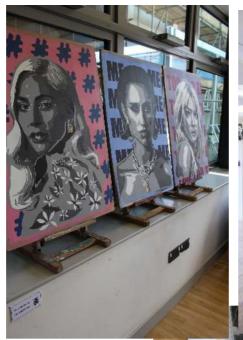




















Prize Winners

The Eastland Prize for KS3 Art - Hang Yee L & Teagan G KS3 Jonathan Day Prize for Good Design 3rd Prize - Harry T 2nd Prize - Jack B 1st Prize - Isabelle C Nicholas Jordan Prize for Photography 3rd prize - Jacob T 2nd prize - Jacob T 2nd prize - Hugo S 1st prize - Lydia H School's KS4 prizes for exceptional performance Gcse prize for Drama - Evie C Pembroke Prize for Craftsmanship – Gigi Y The Harry Beach Prize for Music - Charles M-K The Harper Prize for Food Technology PRH – Aleisha B



School's Senior Prizes for exceptional performance

The Furniture Maker's Company Award - Madaleine R & Millie G The GCSE prize for Film Studies - Leo H The Prize for Film Studies - Ingrid T The Prize for Service to Drama - Ben D The Edith Samson Prize for Art – Henry M The Austin Prize for Musical Achievement - Felix E-M The Rod Chadwick Prize for service to music - Zoe R The Technology Prize for Design – Lexi S The Faculty Prize for Innovation & Creativity – Ethan S Andrea Gillespie Faculty Prize - Medi M

Water Polo Success

Not only did we field a Year 7 (Spitfires) AND Year 8 team (Lions) in the English Schools Swimming Cadet Water Polo Competition, the Lions went on to win two matches and finish second in the tournament!

Historical firsts...the first ever U13 team at QE, and the first ever win for a QE water polo team!!!!

Massive congratulations.

Caycee, Year 8.

U13 water polo - Tournament Report

I started playing water polo a few months ago for the Faversham team, so when I heard that QE were starting an under 13 team I was really excited. At first we didn't have a full team but we then became really lucky and were able to put together two really strong teams to enter the English School's Cadet water polo competition.

On the 26th of June we had our first tournament as a team where we played against some experienced teams. First game was a learning curve, losing to Whitgift school (the tournament hosts) however the QE Lions managed to fight back by beating Colfe's school from South East London and hence came second overall. This is the first ever win for a QE water polo team, hopefully we can build on this performance in the future.

There were some great performances from everyone in the two teams - the Lions were majority Year 8 players who will move on to the Intermediate boys' and girls' English Schools competition and the Spitfires, mostly Year 7, who will return to the Cadet competition next year.

For anyone in Year 7 or 8 who is interested in playing, speak to Dr Perkins, we'd love to have you on our team.

PSHE 2023/24

It has been a busy year again for us in PSHE. We have had numerous speakers and workshops for our students to complement the PSHE curriculum. Gamcare came to talk about addiction and gambling awareness, The Alcohol Trust to warn of the dangers of excessive alcohol intake, stalking awareness from The Alice Ruggle's Trust, and grooming and online grooming (gaming) talks from the Brett foundation to name a few!

The Sixth Form have been put through their paces with lots of topics including Drugs & Alcohol, Equality, Diversity & Inclusion, Stem Cell Research, Consent and Human Rights. The Year 12s also had a full day of Driver & Passenger Safety workshops provided by Kent County Council. Next year we are looking forward to taking PSHE from the theatre into classrooms to improve the experience and allow much needed interaction.

Mr. Cowlam, who is the 6th form PSHE coordinator, and I, have been training some of our Sixth Form students to deliver PSHE in primary schools, in collaboration with Change Your Mind PSHE who came to give us training earlier in the year. This has been very successful and will be an ongoing project, and a fabulous opportunity for anyone in the Sixth Form interested in a teaching career for example.

Next year we hope to expand further into the community, with a new outreach venture. More to follow on this! Mr. Cowlam and I would like to wish you all a fabulous Summer, and look forward to seeing you all in the new school year!

Mrs. Calvo Hernandez Lead Coordinator for PSHE







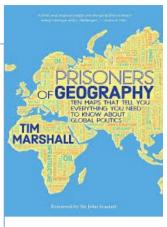
ECONOMICS

Book Review

Prisoners of Geography

Rosa C, Year 10

Prisoners of Geography is a nonfiction book written by Tim Marshall. I chose to read it to try and understand the factors affecting the flow of trade around the world and to get an insight into the history of how geopolitics has impacted the economy via its effects on imports and exports, as well as how this has sparked conflict between political powers. This book describes the significance of geography in international affairs, detailing 10 significant countries in the political world. The most exciting insight the book gave me was the history of Russia's geography and its ambitions for access to warm waters and the Black Sea. This helped me understand some of the causes of everything currently happening between Russia and Ukraine that is all over the news. It also explains why China will most likely surpass the US as the global superpower in the next ten years, which is a crucial idea to grasp as China is expanding its interests. Overall, I would recommend this book to anyone interested in geopolitics and how it impacts international affairs, specifically economically or politically.



economically or politically.

What Money Can't Buy



MICHAEL J. SANDEL What Money Can't Buy THE MORAL LIMITS OF MARKETS

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Before even opening this book, just the idea of ethics and morality being intertwined with economics seemed baffling but what I soon came to discover is that despite contradicting, in our society they must be weighted equally to maintain a just balance. Chapter one explored queue jumping and waiting in line, a social practice to me associated with amusement parks but instead Sandel discussed the issues of congress waiting queues or even doctor waiting lines. After reading this, it made me think of the role and authority of money in our society - especially how ethics can be bought for a price. However in some areas I must disagree with Sandel, when it comes to doctors waiting 'fast tracks'; perhaps there is more to be considered than plain fairness of who came first. I believe one of the market's key properties of *allocation* can be utilised here. The ones that 'need' the service the most is reflected in the price they are willing to pay for it. For me, there is something more ethical or moral about a person who is extremely sick paying to jump the queue rather than having to wait behind people who aren't desperate. But we must question whether money is the best way to allocate this service and is the correct signal for needs and wants.

This question was answered in the powerful discussions of *incentives* which exposed the true power of money and how it easily overturns morals. 'Sterilisations for cash' amongst female drug addicts is a service provided by a small charity that aims to provide a \$300 incentive to give up the chance to have children. From an ethical standpoint of this transaction, it's completely preposterous of monetising such a core pillar of society that is motherhood (which is done in other ways - exposed later in the book) and is also being done to a marginalised part of society. However, is it also one that has proven results, therefore is something ethically wrong if the individual affected doesn't oppose it and has a net benefit to society.

Another complex issue in our modern globalised world is immigration. Countries across the world tackle it in different ways however in such an interconnected world there is a deficit of proper and fair allocation of immigrants which creates an opportunity for a new market to emerge - also bringing its moral limitations. Of the many different capitalistic approaches from citizenship fees to international quotas, they all pose the same question: Do we have the right to set a price on the lives of immigrants and diminish this issue to simply supply and demand or can real ethical issues not be solved by markets? When it comes to international quotas, I assume they'd work similar to pollution permits where quotas could be bought and sold. Sandel argues this form of allocation risks the exploitation of poorer countries where 'problems' of the rich can be dumped on others for a payment.

Sandel explores the ability of markets to change social norms- and not for the better. Despite niche, but extremely illustrative - this can be shown by late pick ups at schools or nurseries. Before any markets were introduced, late pick ups resulted in guilty parents and pressing social norms that would encourage parents to not do it again. When the nursery introduced fines for late pick ups, you'd expect there to be a decline of the occurrence. Well in fact a market formed instead, where parents treated the fine as a *fee* and therefore any guilt or social practice was eliminated. The implications of 'fines' or 'fees' can echo in all of society, including speeding tickets; for people driving ±250, 000 lamborghini, paying a ±200 fine for speeding seems more like a fee for driving fast. Instead of a social punishment, the market has eliminated social norms and replaced it with an oversimplified transaction.

In judgement, Sadel discussed many aspects of our society and how markets have corrupted their value. Although I must agree that markets have a limiting capacity for morals and ethics, I would argue that sometimes this binary approach is necessary - for a greater good to society, morals should be removed and transactions should solely be based on allocative efficiency. We must consider that our world has moved further away from free markets and new emerging schools of thinking involve intervention from the state. Therefore our fear of markets and their lack of morality should slowly be diminished because remaining gaps are being filled with state intervention. While looking into the degree of state intervention that is necessary, I have come across my next book: Republic (by Plato) where ancient Greek philosophers build the perfect state. This is applicable now more than ever when we must find the roots of the balance of the state and markets. **Anna M Year 12**

DEPARTMENT OF

Alumni News

A recent Economics student (Economics Prize winner in 2023), Rebeca J-M, (centre of photo) visited the school for a Q&A session with Year 12 economics students. Rebeca is joining Investment Bank UBS.

Alumni updates

Lewis Wharf has graduated from LSE with a first-class honours degree in Economics. Lewis is joining the Investment Bank, Rothschilds, as a Research Analyst.

Annie Whiteley has graduated from St Andrews with a first-class honours degree in Economics. Annie is joining an Investment Bank as a Research Analyst.

Former Head Boy, Max Lewis, has graduated from De Montfort University with a first-class degree in Business & Marketing. Max is joining a firm in London to embark on a career in Sales.

Year 12 students' reflections.

Naomi A - What is the role of the Bank of England?

Bank of England Trip

The Bank of England is the Central Bank of the UK. It is responsible for making secure banknotes, stable prices, and a stable financial system and ensuring that the banks are well run. A financial system connects people who want to save, invest or borrow money. It's a vital part of our economy. The bank regulates and supervises financial institutions such as banks, building societies, credit unions, insurers, and significant investment firms through the Prudential Regulation Authority (PRA). The aim is to ensure these institutions are safe and sound, thereby maintaining financial stability. The Monetary Policy Committee (MPC) is a part of the Bank of England and is responsible for managing stable prices by controlling interest rates. This directly influences the cost of savings, loans, and mortgage rates. They aim to maintain a low and stable inflation rate, typically around 2%.

The Bank of England is the sole issuer of banknotes in England and Wales.

Banknotes must be high quality, durable and rugged to counterfeit.

Jacob B- a personal reflection.

We met outside Faversham station at 9:15 am and were issued our train tickets for our 9:32 am train. After arriving at London St Pancras at 10:38 am. We all walked together to Kings Cross Underground station and used the London Underground from St Pancras (Kings Cross) to "Bank" station. We walked to the bank entrance and passed through security; a substantial main room encountered us. This room included lots of fascinating history of the BoE, interactive areas (such as testing if you can pick up a gold block or trying to balance inflation with a lever) and even an excellent shop. The building was well-organised and up-to-date with crypto and online currencies. Overall, I



recommend going on this trip because it was exciting. It allowed me to apply existing knowledge to real-life scenarios that have happened in the past.

A Level Environmental Science does Mid Wales July 2024

Some very tired Y12 Environmental Science students returned from their action packed field trip staying at the Centre for



Alternative Technology in Wales. Systems and habitats that we explored or studied included slate mines and zip lines, the peaks of Cadair Idris in Snowdonia, nationally important sand dunes, a hydroelectric power station, mountain streams, magical moths and a bouncing bog.

Our students' own comments, memories and photos explain it all - except perhaps for the bouncing bog bit....!? In the UK alone 94% of raised peat bogs have been lost in the last century. Fortunately, Cors Fochno or Borth Bog has not been drained or dug for fuel or garden peat but it only builds at a rate of 1mm per year. Not only do peat bogs soak up water like a sponge but they also sequester (soak up) carbon dioxide and will store it for as long as they remain in good condition. As for soaking up water we were delighted when the reserves manager asked one half of the group to jump and, as they landed, the other half went up in the air! So please stick to peat free composts and read on.....

Emma S.... Staying at CAT, the Centre for Alternative Technology, was so much more than I expected it to be. Immediately upon arrival, we went off to explore the site, including rows of polytunnels and a small cave in which our bat detectors found the rare 'Greater Horseshoe Bat'! There were plants growing out of shoes, and ferns creeping through the benches. The whole place looked stunning, especially on the Quarry Trail where we climbed up to a great view in the evenings.

Phoebe S.... Climbing Cadair Idris is probably the most physically challenging thing I've ever done in my life but I'd happily do it again. The walk was long and painful and the weather was against us but the views were absolutely breathtaking and made it all worth it in the end - a birdseye view of the Welsh countryside.

Caitlin T....*My favourite day was the Saturday when we did the Deep Mine Tour and the Zip Line. I was really fascinated by the mines and it was interesting to hear about the conditions the men worked in before they had any power down there.*

Eleanor N.... *an amazing experience, one I will never forget and I would highly recommend the trip and the A level to others aspiring to be involved in the Environment in the future.*

Phoebe G-R.... I have a newfound interest in moths after emptying the QE moth trap every morning. It was quite unexpected how cool it was to see and identify them all and I thoroughly enjoyed it.

Elian W.... I really enjoyed listening to Mr Anderson's anecdotes during the mountain walk. He was even described as "Mr Anecdote Anderson" by Ms Humpage.

Maddi G.....Dr Perkins saying how mountain climbing may be my thing, then falling over right in front of him less than two minutes later!...fighting off the midges while trying to remain upright in the river...sharing an orange at the top of the mountain.





Royal Society Summer Exhibition What is the Summer Exhibition?

The Royal Society Summer Exhibition is an event held by the Royal Society Annually showcasing Research from across the world such as how Antarctica has changed over time throughout the many ice ages. Also at this event there was a Young Research Zone where we and 8 other teams were able to come and present our research to both the general public and to members of the society who have worked in both Academia and Industry.



Our Project

Our project (titled Particulates - Are they polluting your safety?) was designed to be able to detect carbon dioxide levels and fine particulate matter called PM 2.5.

Which are major pollutants and can be harmful to the body for example PM 2.5 can cause:

- Heart disease,
- Asthma
- Low birth weight



Our prototype currently consists of an arduino microcontroller, a Carbon Dioxide sensor and a small screen. This was then used at the exhibition to show members of the public the effects of people on Carbon dioxide levels in our environment. This was used alongside games and puzzles to illustrate how many common objects used in our lives do cause pollution although we would not initially think that they would, for example to grow a single potato it produces 40g of carbon dioxide due to the emissions from tractors and the emissions due to transport costs.

We wanted to detect these because of the issues regarding pollution in our local area and we wanted to be able to illustrate this to younger children so that they learn from a young age what pollution is and how it can be combated effectively.

Experiences at the Exhibition

On the day of the Exhibition we all gathered bleary eyed at Faversham Station at 6am to catch an early train up into London. We arrived at the beautiful Royal Society at 9am where we were given free T-shirts and found out about what other major exhibits were on display at the time, for example there was an exhibit on Antarctica where we were able to talk to scientists researching the changes of the continent over the last few ice ages.



Then at 10:30 the doors to the exhibit were opened to the public where they were able to come and learn about our project and ask us many questions about our work

After 6 hours of taking shifts switching between talking to members of the public about our project and then talking to other exhibitors about their research. The doors of the exhibition closed to the public and we left to have an amazing dinner at Prezzo near Trafalgar Square, before we returned to the Royal Society and changed into formal wear before the soiree.

At the soiree, instead of members of the public asking questions about our project it was instead fellows and guests of the Royal Society who were all very highly respected in their fields. One such fellow that we were able to speak was Professor Jane Francis who is the director of the British Antarctic Survey.

Quotes from students:

Neave JF: "For me the highlight of the day was the soirée. It was an amazing experience to talk to so many scientists and be able to learn about some of the research that they have conducted. I was given some magnificent advice which has furthered my aspiration to pursue a career in science."

Ellie KJ: "I found it really fun to be able to speak to people about what we have been doing and to explain what we've made/are making."

Beatrice W: "I really enjoyed meeting all of the scientists and interesting people at the soirée, they told us about their jobs and research they had been a part of which I found really interesting. The exhibition was great with a large variety of different stands to look at and many people who explained their project to us."



What's been happening in QuEST?

This term has been a really busy term again for QuEST! This term we have hosted two talks by ex-students. Daniel Hampton came and delivered a talk about his experience on his gap year and then his current research in marine biology at the University of Southampton. He will shortly be off to Australia to do a semester studying marine biology there before he hopefully returns to give another talk on his experience there. We also had Zoe Hatton deliver a talk about being a mechanical engineer and her experience of studying mechanical engineering at Imperial College. This was very interesting as she spoke about developments in Computer Aided Manufacturing. Both talks were very successful with a high turnout of students across the school turning up to show their interest in both speakers.



QuEST also attended their second conference this year: the IRIS conference in London. At this conference we had the opportunity to present our research to student lead research groups and teachers from other schools. QuEST groups displayed their projects: SpaceQuEST presented their ASGARD project for measuring light intensity 'on the surface of Mars' and F24's had their kit car as well as EcoQuEST's stream and biodiversity project, just to name a few.

Overall, it was an excellent opportunity to show off our practical work and research. Other amazing talks were given by experts in industry and leading universities including Cambridge and Oxford, which allowed us to learn about topics such as the ATLAS Experiment at CERN and new methods of scanning babies' brains. An overall amazing and interesting experience!



Last term we saw SpaceQuEST head off to Brussel's with their ASGARD project. This trip included the launch of a balloon carrying a monitor that could monitor several factors high up in the atmosphere. This was a very successful trip with them being able to collect some data! There is more about this over the next couple of pages...

In the new year we've got The Big STEM Challenge to look forward to where we will get another chance to present our work as well as many many more project ideas to undertake after the summer!

Helena H. and Sophia F. Vice President and President





Highlights from this year:

This year has been a brilliant year for QuEST! We have made a lot of progress on our individual projects as well as attended events and hosted talks.

I would like to say a huge thank you to everyone who has made time to come in and give talks to our students, it is wonderful to have so many speakers willing to talk to students about their line of work. We've hosted a range of talks this year:

Forensic Entomology by Devin Finaughty

Volcanology talk by Professor Ed Llewellin

Pollution/Air Monitors talk by Dr Ashley MIlls

Neuroscience by Dr Ben Goult

All things veterinary by Mark Moreton

Plastic Free Faversham by Sonia Jackson

Medical school by Octavia Ostle

Marine biology and taking a gap year by Daniel Hampton Mechanical Engineering by Zoe Hatton





SpaceQuEST went to Brussels to launch their ASGARD project!







The QuEST committee attended both the Tonbridge Conference and the IRIS Conference.



As well as many more projects from every QuEST from slime to car making...

I must give thanks to the Year 13s who made QuEST what it is and then passed the responsibility on to us, especially my Quesident predecessor Helena who was an amazing QuEST President. A massive thank you as well to my current QuEST committee for doing an amazing job at keeping your respectives QuESTs running smoothly and staying dedicated to your roles. As well thank you to all my QuESTies who turn up every week to take part in your research projects. Finally none of what we do could be done without the help from Dr Perkins and Mrs Stallard who give up their time to come and support us and our projects every week so from all of us a massive thank you for all that you do for us!

I look forward to what the new year will bring!

Sophia F. QuEST President





ASGARD XIII makes a return!

After the recent success of our project launch in Brussels, SpaceQuEST has finally landed! With an idea to measure light intensity at different altitudes, which brought along a number of setbacks, our project was finally made possible thanks to the ASGARD project, hosted each year, as well as our sponsors, teachers and Year 13s from last year's team. Teams are selected by merit to participate and we were lucky enough to get accepted back in December to begin building our project.



Bensted's Charity



While in Brussels, we were able to take part in a number of talks given by experts in their fields, such as Belgian astronaut Frank de Vinne and various PhD students, who led amazing talks from the dangers of the universe to magnetospheres! Furthermore, we were able to explore some of the building we visited, including an observatory at launch and a planetarium, where we were lucky enough to watch one of their shows.

Divider, blocking LED

light from interfering with

SD card

Raspberry pi camera

Diffraction grating

Hole

allowing

to reach the camera

sunlight in

LED

Raspberry pi zero

and pi sugar 2 batter

Tape

and hi

tack to

Secure



After the launch and the news that our experiment had, in fact, not fallen in the River Rhine like last year's, we were set up for a night of presentation preparations and results processing for some of the light emission spectra we were able to obtain. The applications and indications we can make from our data, include determining whether there is an optimal height to fly solar powered aircrafts, in order to make them as efficient as possible. Additionally, our experiment simulated conditions we would expect on the surface of Mars. Therefore, our results give us a good indication as to the levels of light intensity we could expect on Mars and the efficiency of solar panels, photovoltaic panels and the photosynthesis of plants.

All this set high hopes for us going in and we have now become the first QE group in eight years to bring home valuable results for us to present!

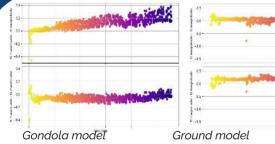
Helena H. Head of SpaceQuEST and Vice President

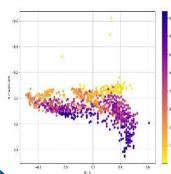


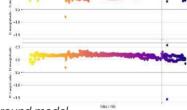
Pictures our projects received

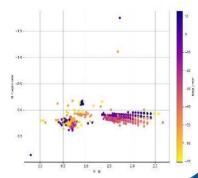


















Another busy term has flown by in SpaceQuEST, while we've been busy making mentoring preparations in assemblies and meetings to get students involved in the selective ASGARD project in Belgium, mainly aimed at groups in year 9 and year 11, who will be going into years 10 and 12 next year. We're hoping for a successful turn-out next year and hoping to see lots of interest! This opportunity involves the opportunity to send a self-designed experiment to space under Mars-like conditions. Additionally, we have been furthering our own project by starting designs for our third prototype, with plans for construction in the future.

- Helena H. Head of SpaceQuEST and Vice President

We have currently made progress in EcoQuest in several areas, including: an update on our plants in classrooms project, the Wildflower project and our *Bioblitz* around school. An exciting new partnership has been made with Dyson, in order to introduce an air purifier into the school, so that we can measure the efficiency and effectiveness of the air purifier in comparison to our plants, considering a range of factors such as carbon footprint, volume of CO2 absorbed and cost efficiency. We are currently also working on our *Bioblitz* and are in the process of measuring the diversity of plants around school in order to understand which plants are present - and in what abundance. For our wildflower project, we are attempting to collect the seeds so that we can plant them up later this year, and see them bloom in spring/summer, however we do not have enough funding for this, so if you have any spare seeds, let us know! Finally, we had a recent talk by a QE alumni, Dan Hampton, about his time studying marine biology at Southampton University and his experiences on a gap year, from Myanmar to Indonesia! On Tuesday the 25th, there was also an exciting opportunity for select representatives of each QuEST to go to London for the IRIS conference. This proved to be a really welcoming atmosphere of like-minded researcher students who were all very intrigued about our school projects and engaged with us whilst we presented our poster.

- Emma S. Cohead of EcoQuEST and Eleanor N.

Eco QuEST





QUEST NEWS

We joined QuEST much later on in the year, and after founding ChemQuEST we have enjoyed our time so much. We started this QuEST with a relatively easy slime investigation, but unfortunately that didn't go to plan. We've spent the rest of this term figuring out better ways to make slime, and will continue our project into the new year.

Elizabeth H. Cohead of ChemQuEST

Bioquest has continued focusing on vaping this term. We were very excited to do a practical that compared the effects of a vape and a cigarette on cotton wool - which showed the expected results of the cigarette making the cotton wool darker due to the presence of tar and a slight colour change with the vape. At the same time, we tested the vape and cigarette fumes on lime water and found that both produced carbon dioxide. So, we definitely know that both are damaging to the body. Hopefully, at the start of the new school year, we can do this practical again with a pair of lungs!

This term, we also attended IRIS, which was an amazing experience. It gave us both the opportunity to speak to leading and upcoming scientists and to share our own work, which many people were interested in and gave us many new ideas of where we could take our project. On that note, some potential focuses for us in the next school year are to continue looking at the effects of vaping on other areas of the body as well as on the environment and to take a closer look at the chemicals inside vapes - which would hopefully allow for some really cool practicals! We had many talks this term, ranging from possible medical careers to marine biology and gap years, which were all really enjoyable to listen to! BioQuEST has been a very rewarding and fun experience throughout the whole of year 12. Each week has had its challenges but the atmosphere has been lovely and the people hilarious and I know that next year it will be even better!

Jemima E. Head of BioQuEST.

This term in JuniorSTEM the year 7s have been learning about catapults. They have been exploring what mechanism allows them to work and the forces involved. They have also taken part in competitions against each where they have made their own catapults to launch sweets. This week they made larger catapults out of paper sticks which they will then use in competition against each other to launch water balloons as far as they can. They will be ending the year with a splash!

Junior STEM



Sophia F. Head of Junior STEM



Chem**QuEST**



Motor**QuEST**



This year in Quest, We started a novel section of the society - MotorQuest, where we worked towards entering GreenPower's F24 competition, where schools and universities compete using the provided kit car. There are multiple prizes to win within the competition such as the Green innovation award, for having the most ecological engineered Car.

So in our research, we investigated environmentally friendly materials and measured the rolling resistance of different tires and tire compounds, as this would be extremely relevant for when we have the kit car.

Throughout the year we have been fundraising to purchase the kit car, however as we are a new "sub-Quest" and the car is extremely expensive, progress has been steady. Going forward, we aim to start on all the exciting areas, such as 3D Modelling, aerodynamic testing, designing, assembling and racing. In conclusion, we look forward to storming through next year and are grateful for the various lessons learnt in our debut year.

Adam O. Cohead of MotorQuEST





At RoboQuest, we've been continuing to work on the ramp. The Arduino that is going to be connected to all the motors is currently being worked on as well as a design for the mechanism that will move the ball up and down the ramp.

At IRIS, we had the opportunity to present our project to loads of interested people, as well as the chance to see everyone else's research. This experience taught us many skills that are important for us to be able to present our work when our project is completed. The IRIS conference was a significant step in our development.

Over the course of this year, we as RoboQuest have researched into a topic that would have never crossed our minds but we have learnt and researched a lot from it. Designing and making a product with the charity has expanded our skills and knowledge and has been lots of fun. It has also provided us with valuable experience of working with a client which will be useful for our future endeavours.

We hope to continue this project next year and bring it up to a wrap in order to present it to the charity.

Wynn H. head of RoboQuEST and Jesse K.



A Conversation With Josiah Skeats

On Thursday 11th July, former student Josiah Skeats returned to school to deliver an engaging, enthusiastic and inspiring talk to the school community in the second instalment of our 'A Conversation With' series. QE parent, Mrs Caroline Topping, has kindly provided a review of the evening:

On Thursday evening I took my husband and rather reluctant Year 7 to Q.E. for 'A Conversation with Josiah Skeats' in the theatre. My daughter was reluctant to go because she, a) was having to go back to school in the evening, b) she was tired and c) she didn't really understand what we were going to do. As the evening came to a close, she turned to me, her eyes glowing with excitement and the dream of possibilities, saying "thanks mum, that was brilliant, inspirational, I'm so glad we came".

Having introduced himself, Josiah began (accompanied by short video clips and incredible photos) the story of how during his third year at university, where he was studying law, he read an article about someone who had cycled around the world. It was, he called it 'a lightbulb moment' and he decided then and there that once he had finished uni, he would cycle from Herne Bay to Sydney, Australia. "Having written a list of all the obstacles ahead, (including not owning a bike), I ticked them off one by one and set a date. I was going to leave then, no matter what". He admitted that when the day arrived he didn't feel nearly ready enough, but he knew that when it comes to stepping out of your comfort zone and heading into a new adventure, you never feel ready or fully prepared – you just have to do it anyway. He set off (getting lost on his way to Dover!) and found himself in France, travelling with a friend for the first two weeks, then on his own hence forward. With a gleam in his eye, the excitement of the trip still palpable he declared, "I went from someone who was talking about cycling around the world, to actually doing it".

His plan was to complete the journey in a year, pedalling hard to get to and through central Asia, before the winter snow made the roads impassable for months on end. Early in the trip however, he met a couple in their sixties, seasoned cyclists and fellow adventures who asked him what the hurry was. They advised him to slow down, to take the road less travelled, to wait until the following Spring – "there's a fork in the road ahead" they said "if you go straight on the road is smooth, you'll go through a mountain tunnel and you will reach your next destination in a couple of hours; however we advise taking the road on the right, it goes up and down the mountains, it will be hard and will take you a couple of days, but will be much more rewarding". Jo admitted that he stood at that fork for about 20 minutes before turning right. These were two of the best days of his whole trip and it was then he realised "*if I'd taken the smooth road, think of what I'd have missed out on.*" His whole philosophy changed and that's when his one year 'race' turned into a three year Odyssey, as from that moment on, he always took the road less travelled.

He fascinated and delighted his audience with lots of stories; of being chased by police in Myanmar – pedalling as fast as he could through checkpoints in the dead of night and of hilarious communication challenges – when searching for eggs, being offered toilet paper, after trying to mime a chicken laying an egg! He told of how he was rescued in the middle of the desert, in a thunderstorm, by four children, (aged 10-15 yrs old), who sheltered him in their yurt overnight, giving him tea and rice and discovering in the morning that they lived there alone tending 100 cows throughout the summer, moving their yurt every few weeks to find the best pasture, whilst their parents, 50km away harvested hay to feed the cattle throughout the winter months.

An epic journey such as his had, of course, its highs and lows. From having to live off a budget of ± 3.50 a day for food, water and accommodation to sleeping under bushes, bridges and by the sides of the road. Nearly every bit of his bike broke during the course of his trip – on one occasion a broken part was fixed with a coke can, and a banana which was used as grease! Sharing some of his discomforts, he said with a smile, "somewhere along the journey my comfort zone had expanded". Along the way he was viewed by many he met as the poorest of the poor, only having a bike and little money, but this too ended up being a huge blessing as he received incredible generosity wherever he went and he explained to us "your vulnerability becomes your greatest strength".

Apart from the incredible hospitality and warmth of all the people he met along the way, one of the highlights for Jo was travelling through India. He gave talks to schools, staying with the headmasters, which led to cycling groups hearing of his adventure, who joined him for days at a time, handing him over to the next cycling group in the next town. He gained celebrity status, being interviewed by journalists, appearing on the front page of newspapers – even becoming a fashion icon – with his 'smelly, holey lycra' making the news! He loved the diversity of the country and its ever changing scenery, culture and sense of identity.

He ended up in Sydney having travelled through 35 countries and over 40,000km and experienced great hardship and great joy, incredible views and beautiful people. If, however, you thought that this was the end of his great adventure, you'd be wrong – it was only the beginning.

Jo rounded off his 'conversation' by sharing how he then spent 3 months helping crew an 11m catamaran from Australia to South Africa, 5 months, during Covid in a house in the Arctic with a fisherman and an artist and has since cycled across Africa and South America. He now leads others on cycling adventures, as well as leading mountaineering expeditions.

I am going to end by saying that one of the most joyous parts of the evening for me was seeing a young man who had a dream and turned that dream into reality, is utterly content with where he is right now and yet is completely open and excited by whatever adventure may lie around the corner. He told us, "*There is no road map for my life and there is no right or wrong way to do life, just endless opportunities. The world is a good place*". Thank you Josiah for taking us on a wonderful adventure, albeit vicariously and maybe, just maybe next time I come to a fork in the road, I too will have the courage to take the road less travelled and that although "*it is sometimes harder and bumpier, it's always rewarding*".



I can't wait for the next 'Conversation with....' - hopefully I'll see you there.

Mrs Caroline Topping

Duke of Edinburgh's Award Bronze Assessment Expedition 2024

During this academic year, most Year 10 students have been participating in the Bronze Duke of Edinburgh's Award. As a culmination of this, during two weekends in June, 97 students completed both their Practice and Assessment Expeditions.

DofE aims to inspire young people to challenge themselves and develop essential life skills. To complete the entire Bronze Award, each participant must complete four sections which include: Physical, Volunteering, Skill and the Expeditions.

Each expedition consists of two days of walking with an over night camp. Over the two days each group must complete 25 km and six hours each day of activity (the walk). Our Practice expedition took place on 8th to 9th of June, with half the 15 groups starting at Eastling and finishing in Old Wives Lees, the other half going the other way (start at Old Wives Lees and end at Eastling Pub). All groups camped together at Dunn Street Farm in Westwell.



Leading up to the expedition, preparation is essential - planning routes, food cards/ meals, packing, making sure you have the right equipment, etc. My group and I learned such a lot during the Practice Expedition, which really benefited us during the official Assessment Expedition. We learnt that double and triple checking the map and bearings was crucial, after getting lost multiple times - just as we left Eastling we ended up on a 20 minute loop back to where we had started! We had to duck below hedges in the hope the teachers wouldn't spot us and clock that we went wrong just a few minutes in! They did see us as our brightly coloured backpacks could be seen bobbling past behind the hedge. The weight of the backpacks was also a shock. We would rest with our backpacks on and when we needed to resume the walk, we would have to help each other to get up due to the weight of the backpacks - we looked like turtles stuck on their shells.

Our Assessment Expedition took place on 29th and 30th of June, and saw us walking from Old Wives Lees to Eastling and camping at Sheldwich Scout Camp. We were a bit anxious about the assessment as this time round an official Assessor would be assigned to our group and could appear at any point in our walk to question us about our route and bearings - which we weren't particularly confident in. However, our Assessor, Sian, was one of the highlights of our expedition, she was very friendly, helpful and encouraging. Throughout the expedition we had to complete a project, which we would turn into a slideshow and present to the rest of the DofE groups once we were back to School. My group's project was 'Where's Megan?' which included one of our group members Megan, hiding in multiple locations then we would photograph her, each photo getting increasingly difficult. Photos varied from hiding in flower fields to hiding in old abandoned cars.

Overall the expeditions were the highlight of my DofE journey, both had their challenges and moments where we were on the brink of giving in and just camping in the middle of the footpath, but we carried on. We laughed throughout the weekends, even if we were faced with fields overgrown with nettles and immense pea plants or footpaths overrun with caterpillars.



To anyone thinking about signing up for DofE, I couldn't recommend it enough. The programme offers personal growth in one's resilience, teamwork skills, responsibility and their overall confidence. Year 10 have set records, 47 out of 97 of the students who participated in the Bronze DofE have already completed and received their Bronze DofE certificates!

Thank you to Mr Anderson for running the Award this year and to the many other staff who helped out at the weekends.

Written by Charlotte. O, Year 10



WE'VE A FUN PACKED, FULL CALENDAR OF FAMILY FRIENDLY EVENTS FOR THE SUMMER HOLIDAYS.

Here's the summer family schedule, do join us over the coming months...

Peter Pan	Tues 23 July	2pm
Shakespeare's Romeo and Juliet	Wed 24 July	7.30pm
Top Secret - The Magic of Science	Thurs 8 Aug	2pm
Out of the Hat	Tues 13 Aug	2pm
The Wind in the Willows	Sun 18 Aug	2pm
Shakespeare's As You Like It	Wed 28 Aug	8pm
Horrible Histories Live on Stage, Rotten Royals		Thurs 29 Aug 2pm & 7.30pm
	Shakespeare's Romeo and Juliet Top Secret – The Magic of Science Out of the Hat The Wind in the Willows Shakespeare's As You Like It	Shakespeare's Romeo and JulietWed 24 JulyTop Secret – The Magic of ScienceThurs 8 AugOut of the HatTues 13 AugThe Wind in the WillowsSun 18 AugShakespeare's As You Like ItWed 28 Aug

Matinee tickets at Hever Castle also includes the opportunity to stay and play on the estate after the show until it closes at 6pm. Or make a whole day of it with joint entry tickets for all performances.

EVERY seat in the theatre is fully under cover. Our NEW ROOF is rather gorgeous for other reasons too – it is clear so you can gaze at the view on and off stage and if you are sitting on the grandstand the view through the back wall feels like you are sitting in a treehouse. There is a show, and a seat, for everyone this summer, come and see!





QE PTFA School Uniform Recycling Project

The PTFA at QE run a school uniform recycling project where used clothes are donated, sorted and stored.

If parents need uniform for their children, they can

- make an email request to <u>QEGS-UNIFORM@outlook.com</u>
- get in touch through the Facebook page QE Faversham PTFA-Uniform Recycling Project
- Contact the school office, leave your contact details and we will get back to you.
- We have a stall at the summer fete, year 7 open days and transition events.

Suggested Price List for September 2022

Item	Suggested Donation	
Blazer	£10	
Jumper	£5	
Tie	£3	
Sports top*	£6	
Shorts*	£5	
Rugby top	£10	
Hoodie *	£8	
Old logo hoodie	£4	
Training trousers*	£8	
Girls leggings*	£8	
Holdall	£3	
Skirt	£5	
Skort	£8	
Shirts	f1	
*New style kit		

When you get in touch, we aim to have your items with you within a week. If you qualify for PUPIL PREMIUM, the uniform will be supplied free of charge. If you would like to donate items, please leave them at the main school office

The uniform store is well stocked, so please get in touch.

REMINDER - all Chromebooks must be kept in their protective case for insurance purposes. Please also ensure the device is fully charged each day.

2023-2024

Term 1 Staff Development Day – Monday 4th September

Tuesday 5th September (Year 7) Wednesday 6th September (all Years) to Friday 20th October

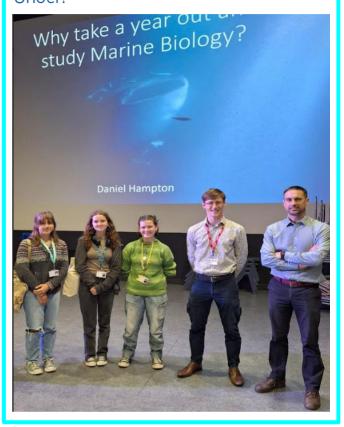
Term 2 Monday 30th October to Friday 15th December

Term 3 Tuesday 2nd January to Friday 9th February

Term 4 Monday 19th February to Thursday 28th March

Term 5 Monday 15th April to Friday 24th May **Bank Holiday – Monday 6th May**

Term 6 Monday 3rd June to Friday 19th July Ex QE student Dan Hampton, gave up his time and delivered an inspirational talk about Marine Biology. Dan is about to leave for Australia for a semester of his Marine Biology degree. We'd no idea how anyone could possibly fit so much experience and opportunities into such a short time since leaving school! Congratulations Dan and enjoy Down Under!



2024-2025

Term 1 Staff Development Day – Monday 2nd September *Tuesday 3rd September (Year 7) Wednesday 4th September (all Years) to Friday 25th October*

Term 2 Monday 4th November to Friday 20th December

Term 3 Monday 6th January to Thursday 13th February

Term 4 Monday 24th February to Friday 4th April

Term 5 Tuesday 22nd April to Friday 23rd May **Bank Holiday – Monday 5th May**

Term 6 Monday 2nd June to Friday 18th July