
News, Events and Updates at Chatham Grammar

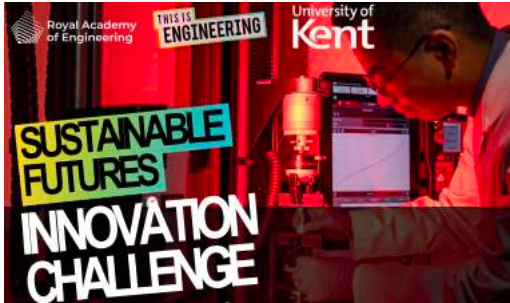
Helen Sharman CMG OBE Visits Chatham Grammar



Chatham Grammar was excited to welcome Helen Sharman CMG OBE on Tuesday 10th May. Helen became the first British Astronaut in May 1991, aged 27, when she launched a Russian Soyuz spacecraft. She spent eight days orbiting the Earth, living and working on the Mir Space Station.

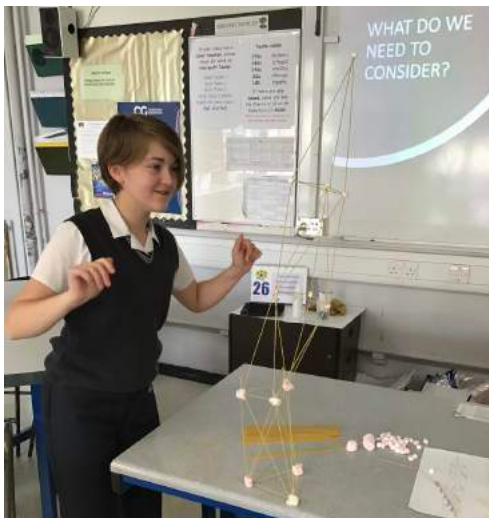
Helen delivered an inspirational talk to students about living in Space, astronaut training, teamwork, leadership, communication, collaboration and motivation including photographs of which she took herself during her time on board the Mir Space Station. Helen says "We should push forward, not only our individual boundaries, but also the boundaries of what humans believe is possible. People are the biggest limitations in our own lives. There's a huge amount we can do and we should make the best use of our lives for the benefit of the world."

Think. Create. Innovate.



During Term 5, the Chatham Grammar Science Club has continued to grow and embrace leadership skills to complete new challenges. This started with students attempting to build the tallest tower using just dried spaghetti and marshmallows; like Engineers, one of the most important tools was their own creativity - well done to Kasie in Year 9, our challenge winner!

Students have spent the rest of the term investigating our “Sustainable Futures” theme, beginning with constructing their own turbine-powered machines. Miss Mundy was particularly impressed with the huge variety in designs. Grace in Year 9, shone with her speedy problem solving, never afraid to push the boundaries of design! We have ended the term preparing for our next project, the “Sustainable Futures: Innovation Challenge” - with the following organisations, Royal Academy of Engineering, This is Engineering and the University of Kent. This theme continues into next term and Miss Mundy is looking forward to seeing the projects come to life! If you are interested in thinking outside the box or also have requests for future themes, and would like to join the Science Club, please email mundy@universityofkentacademiestrust.org.uk - everyone is welcome!



University of Kent Sociology Workshops

This term we have been extremely lucky to be able to invite the School of Policy, Sociology and Social Research from the University of Kent to Chatham Grammar to work with our Year 12 Sociology students.

Students took part in four different workshops during the course of a month. The sessions covered the following topics:

Week one: “Does life matter if you live forever?”

Students debated the consequences of an ageing population, the policies that would be needed to sustain an increased population and created their own societies based in 2060 with an average life expectancy of 150.

Week two: “Rise of the Robots: Thinking Critically about Algorithms”

How does the use of algorithms in search engines, media, law enforcement, transportation, food and healthcare change human interaction? Students learnt about the consequences on society and individuals when computers can gather mass data and then debated the role of algorithms for governments, corporations and humanity.

Weeks three and four:

Students looked at the elements of methods in context for their exams and created a group research project that they conducted and presented back to the other groups. They researched illegal drug use in Medway through official statistics, how parental nationality impacts educational attainment, gender and subject choice, factors impacting on student motivation, the impact of marketisation on students through exams, how ADHD is portrayed by the media, does education need to be changed after lockdown, class background and education, and Islamophobia in the media.

Students have made some fantastic presentations that have used sociological language to evaluate the strengths and weaknesses of their projects and consider the theoretical advantages or disadvantages compared to ethical and practical restraints.

Maya Year 12

I enjoyed the University lessons as we were able to explore sociology from a different point of view and outside of a textbook. My group's research focused on using questionnaires to find data. We went and found data instead of just writing about it, which gave us a real feel of what it would be like to be a sociologist in the future. I believe this will help me remember important information for my upcoming exams.

Emilia Year 12

It's been very interactive and I've enjoyed it. It's been fun and I've learnt a lot about what it would be like to go to university and how social sciences would be studied.

BAE Systems Magnetism Road Show 2022

On Friday 22nd April 2022, Year 7 and Year 8 students were invited to attend the BAE Systems Education Programme 2022. The exciting road show was based on Magnetism and students experienced some entertaining and magical demonstrations, together with learning some fun physics facts!

The Magnetism Road Show was delivered in partnership with the RAF and the Royal Navy and covered the following topics:

- Magic Coins
- Levitating Magnets
- Sorting Machine
- Electromagnetic Strength
- Magnetic Treasure Hunt

To download the BAE Systems Magnetism Road Show activities document, please click on the link: **[Schools Roadshow 2022 - BAE Systems](https://www.baesystems.com)**<https://www.baesystems.com>



University of Kent Music Workshops for Year 8 and Year 10 Students



Our Year 8 and Year 10 students took part in several music workshops organised by Dr Jackie Walduck and her undergraduate music degree students, as part of their Music in the Community component of their courses.

The degree students from the University of Kent planned three exciting music workshops getting students to consider different approaches towards composing music.

The Year 8 students were using vocal loops and were exploring different ways in which these could be developed and manipulated through using GarageBand. The Year 10 GCSE Music students were exploring ways to compose a piece of music based on a starting cell of notes.

All groups performed and presented their musical masterpieces at the end of the three workshops.

As a result of the relationships formed during the workshops, our Year 10 GCSE Music students have been invited to the University for a tour of the music department, meet the undergraduate students again and get a chance to see what studying music at university entails.



GCSE Business Tote Bag Competition

GCSE Business students have been working hard in small groups to design tote bag businesses and the creativity has been amazing! The groups had to present their business plans and ideas to a panel of three judges in the assembly hall.

All students showed such fantastic enthusiasm in their business plans, making it a tough competition for all involved!

We are pleased to announce the winners:

1st Place -Nawaal, Pelumi and Lola with MindTote. Not only was the bag aimed at mindfulness but they went above and beyond with the creation of their very own company website.

2nd Place – Chelsea, Rebecca and Sandra with Totes Amazing. A very well thought out tote bag with a zip and hook added!



3rd Place – Nela, Zoe and Ritika with Totez Unique. A beautifully designed bag with the added attraction of a free hair clip.

All winners were awarded chocolate, vouchers and leadership points!

Young Enterprise - Year 10 GCSE Business

Young Enterprise is a leading employability and financial education charity empowering young people across the UK. At Chatham Grammar, we run a club for Year 10 Business students each week. At the start of the year, the Year 10 students raised money from cake sales, film nights and playing music at lunchtime, and they are now launching their Tote Bags for sale – with a Jubilee theme to start!

The company have named themselves PRINTS – keep an eye out for their bag sale!

To find out more information about Young Enterprise, please click on the link: <https://www.young-enterprise.org.uk/>

Year 7 Biology Model Making



Year 7 have been studying biology and learning about the different types of cells. They learnt that eukaryotic cells contain our DNA. They also learnt that eukaryotes are complex organisms and therefore have many different types of cells. They were asked to research specific specialised cells found in both animals and plants.

Students worked in teams and produced a PowerPoint of information and examples and then presented this to the group. They were then asked to produce a model of one cell of their

choice, using anything they could find at home. Students brought their models in and presented them to the group.

The group provided observations and also questions related to the models and the presentation. Questions like “You appear to have forgotten to include chloroplasts in your root hair cell, why?” Leadership points were then given for answers that provided the correct justification/answer. “The root hair cells are found within the soil so do not access light, so this part of the plant will not photosynthesise and doesn’t need chloroplasts.”

The students are very proud of their work. Different classes that use the room have also given some really nice comments about the work; some have been testing their peers and using the models as props.

UKAT Partnership Development Programme University Super Saturdays

The Super Saturdays with the University of Kent (UoK) took place over three consecutive Saturdays in March 2022, the creative puppet and Amazing Minds sessions were a great success. Aslan the puppy, our newest Dog Mentor was a firm favourite with the students too!

Our next series of Super Saturdays will be delivered by the University of Kent's Computer Science department. Students will be developing, building and programming their own LEGO robots. The workshops will take place in June 2022 for a small fee of £5 for all three sessions. The sessions are already fully booked!

Programmes coming up in Term 6:

Who's Who Mentoring Programme

Year 6 students at our partnership schools will be participating in an interactive World of Careers workshop, delivered by Career Guidance Charts. This will be followed by an inspirational talk from a role model or mentor from industry/business/charity.

Stings and Things

Is a science based workshop delivered by UoK's Bioscience department. Year 5 students from our partnership schools have been invited to attend Chatham Grammar to take part and explore the power of nature's stings.

For further information about the Partnership Development Programme, please click on the link: <https://www.chathamgrammar.org.uk/ukatpartnershipdevelopmentprogramme-1>

House System Update - Term 5

During Term 5 there have been lots of different challenges for students based around the theme of Helen Sharman and the Platinum Jubilee that have been linked to students being able to gain leadership points.

Prior to the visit, students were set challenges which included a quiz and designing their own Personal Preference Kits (PPK).

NASA introduced PPKs for astronauts to take with them on missions into space. These included personal items and memorabilia and had to be pre-approved by NASA. The astronauts were limited on the size and weight of their PPK. Our students have had some great ideas including personal mementos, food and fun things to try in space.

Before becoming an Astronaut, Helen Sharman worked as a chemist for the confectioner Mars, which included walking down a production line and tasting samples of chocolate! During our challenges, students also got to try some chocolate tasting! Using the taste and feel in the mouth, students guessed the pH level of milk chocolate, dark chocolate, white chocolate and a Mars bar. This was definitely the favourite challenge this term!

The last challenge of the term was to design a badge for a space suit. We received some great designs, here are a few:



Platinum Jubilee Celebrations

To celebrate the Platinum Jubilee, students have been taking part in six challenges during Personal Tutoring time, which have lead up to the Jubilee picnic on the last day of term:

- Challenge 1 - A Royal Jubilee Quiz
- Challenge 2 - Create a playlist with a song from each decade the Queen has reigned
- Challenge 3 - Design a £2 or 50p coin and learn about the Royal Mint
- Challenge 4 - Commonwealth research about any of the 54 countries in the commonwealth
- Challenge 5 - Write a script, perform a storyboard set in any year between 1952 and 2022 on the theme 'As the Queen I wish I could.....'
- Challenge 6 - Write a debate with arguments for and against 'Is the Queen and the Royal Family still relevant in current society?'



The Heads of House would love to create a Jubilee photo board.

If you take part in any activities, make a cake, go to an event or celebrate in any way we want to know about it!

Send a photo or a sentence explaining what you did to cghouseheads@universityofkentacademiestrust.org.uk with your name, House and Personal Tutoring group for your leadership points.

To find out what is going on in your local community for the jubilee, please click on the link: <https://www.visitmedway.org/whats-on/queens-platinum-jubilee/>

Green Team Plastic Bottle Caps Appeal



The Green Team are currently collecting as many plastic bottle caps as they can to create a mural for the seating area near the Little Lime. The Green Team chose to reuse plastic bottle caps as these are harder to recycle and can take up to 450 years to degrade.

Bottle cap donations can be handed to Mr Prescott in H1.

The Green Team are also in the middle of creating recycling bins for unwanted paper; one for each classroom. The bins will be made from reclaimed items such as large boxes and old bins. To make these more appealing we will be using old paint that has been donated by members of staff. Now that we have the boxes and the paint, we just need the bodies to help make the bins more aesthetically pleasing.

Students that are interested in helping, please email Mr Prescott and we can send through the details of what you need to bring with you.

Finally, the Green Team have been working hard to make everyone aware of how much plastic they use. Thank you to everyone that is taking part in the Big Plastic Count, and we hope this sparks a change in some to recycle more! Well done to Deborah, our WOW worker for organising this academy wide event.

Ramadan Assembly

The Islamic calendar is based around the lunar cycle; the holy month of Ramadan rotates by approximately ten days each year. To celebrate Ramadan 2022 (April) at Chatham Grammar, we invited students from various year groups to plan, write and deliver an assembly. The students did not disappoint and delivered a fantastic assembly. Congratulations to the following students who took part, you all did an amazing job: **Ashley, Daneen, Waniya, Japji, Laide, Sheida, Aishat, Fauziyah and Nawaal.**

Equality Leaders Themed Food Days

The Chatham Grammar Equalities Leaders have been busy planning themed food days in the Lime Lounge:

Chinese New Year, St Patricks Day and Eid Mubarak

We've loved celebrating different cultures around the world and we are looking forward to next terms celebrations!



Cultural Cooking Workshops

Over the last couple of terms, Miss Durber has offered students the opportunity to take part in Cultural Cooking Workshops. During Term 4, students created a number of different cultural foods in the Lime Lounge and took them home to bake.

During Term 5, 14 students signed up to attend the Turkish Cooking Workshop which took place on Friday 13th and 20th May. Mr Cawthorne delivered the sessions in the food technology room at Brompton Academy and showed students how to make authentic Turkish dishes. The students did lots of chopping and stirring of pots and most importantly had a fabulous time learning about a different culture.



Year 8 Easter Markets

At the end of last term, Year 8 students launched an Easter Market fundraiser for the Ukraine Humanitarian Appeal. Students offered a huge array of different delights for staff and students to purchase.

The following awards were granted:

Winners of the award for 'Most Profit' - Make a Shake
Rozella, Abigail, Honey, Mary, Victoria, Thea, Maya.

Winners of the 'Professionalism Award' - Crepe Escape
Ashley, Cadee, Layomi, Amelia, Shanya, May, Lucy.

Winners of the 'Eco-Award' - Sweet Treats
Jessica, Racheal, Naomi, Jessy, Katriona.

The Easter Market raised a staggering **£670!**

Congratulations to all of the students involved.





Personal Development at Chatham Grammar

Duke of Edinburgh's Award

During Term 5, the DofE Team have been extremely busy supporting many students who were embarking on their practice and assessed expeditions.

The Silver Award students completed their practice expedition in the Folkestone and Dover areas and were assessed in Ashdown Forest. We would like to congratulate the 12 Year 10 students who all passed this section of the DofE Award. Students camped for four nights, walked 100km with their backpacks jammed with their food, tents and equipment - such a fantastic achievement!



We would also like to congratulate the following Year 10 and Year 11 students who have completed their physical, volunteering, skill and expedition sections to complete their full Duke of Edinburgh's Award:

Bronze Award - Year 10

Marnie, Maddison, Kiera, Helen, Anjola, Esther, Amory, Agelika.

Silver Award - Year 11

Tiwa, Mia, Eleanor, Isobel, Carmen, Evalyn, Maddison, Emily, Christine.

This has been a really busy year for the DofE Team who have been ensuring that all students who were

unable to complete their expeditions due to COVID-19 were finally offered the chance to complete their expeditions. The DofE Team has spent 26 days on these expeditions, running three sets of Silver Award expeditions and two sets of Bronze Award expeditions since July 2021, with over 300 participants joining them!

Well done to everyone who took up the challenge. You have shown resilience, mental and physical strength and made the staff who worked with you very proud.

Information assemblies for Year 8 students to start the Bronze Award will begin in Term 6.

Please keep an eye on Chatham Grammar's website and social media platforms for further information for students who would like to complete their Silver Award in Year 10.

For further information on the DofE Award, please click on the link: <https://www.chathamgrammar.org.uk/dofe>



Secondary Schools Games Rounders Competition

On Thursday 12th May some of our Year 8 and Year 9 students attended the Secondary Schools Games (SSG) Rounders competition at Rainham Girls School. All the students who attended were brilliant representatives of Chatham Grammar; the team spirit was amazing, and it felt even better as the sun was shining! Well done and congratulations to all students who were on the team, great work!



New Reading Additions in the Library

Manga is a very popular genre, so students raised some money to purchase a whole new batch of copies of their favourite series. We raised over £100 and had this amount bolstered with kind donations from Ms Walters and our Community Team. We purchased approximately 30 new manga volumes of *Attack on Titan*, *Komi Can't Communicate*, *My Hero Academia*, *Horimiya* and a few other series.



The new additions to the library have already been very well read!



Following the popularity of the newly released *Heartstopper* series on Netflix, Ms Walters has kindly gifted the library a whole new set of the *Heartstopper* graphic novels, as well as two copies of the brand-new release volume 1's with TV scripts in the back. We now have five copies of Vol 1 and three copies of the subsequent series, as well as the novellas. These have all been gratefully received, with many students waiting to read them!

The new online library system is now in place and allows students (and parents/carers) to access it from home via the app on their iPads. Students can search through the catalogue via keywords,

titles or authors, reserve books, renew, and see what's in stock. It will take a little bit of time for the entire library to be scanned in and edited, but so far we have these genres ready for reading:

Fantasy, Sci-fi, Dystopian and Adventure; Mystery; Young Adult; Teen Fiction; Horror; Manga and Graphic Novels; Autobiography; Disney Fantasy. Waiting for completion are Non-Fiction; Historical Fiction; Classics; Poetry and Short Stories; Revision Guides.

Students have attended assemblies to teach them how to log-in to the new system and use it. There have been hundreds of students already busy reserving and collecting books via the App. The system sends out automatic emails to remind students to return their books on time, and it emails them to let them know that books are ready to collect. In the future, the database will hold weblinks, PDFs, magazines and online resources to boost subject knowledge, so students can search up what they're studying in History, for example, and have access to a host of safe websites, videos and resources to help them learn.

Uniform Recycling Project

We are pleased to announce that we will be launching our new Chatham Grammar Uniform Recycling project soon! This project will enable parents and carers to have an alternative choice when purchasing brand uniform items for their children. This exciting new project means we are working towards becoming more environmentally friendly and encouraging a greener uniform offer, and at the same time we can offer a more affordable range to families looking to save money and support a really good cause. All monies raised will go towards House activities for our students.

If you would like further information on the Uniform Recycling Project, please email RecyclingUniformCG@universityofkentacademiestrust.org.uk

Current News and Information Social Media

For the most current news and information at Chatham Grammar, we invite you to follow our social media pages:

Facebook: @ChathamGrammar
Twitter: @ChathamGrammar
Instagram: @ChathamGrammar



We regularly promote competitions for our students and parents/carers on our social media channels.

Free Talk Therapy for Adults

University of
Kent | Academies Trust
(UKAT)

University of Kent Academies Trust **Counselling Service**

FREE Talk Therapy for Adults
Monday to Thursday,
4pm - 8pm

During these uncertain times, you may find yourself feeling anxious or stressed. The dedicated team of volunteer Counsellors in training, are able to offer you confidential and non-judgemental support.

Counselling offers opportunities to look at other ways to manage difficult situations.

For further information or to book, please email:

Counsellors@universityofkentacademiestrust.org.uk

Facilities for Hire

Chatham Grammar's facilities are available to hire.

For a full list of facilities, further information or to book, please email officecg@universityofkentacademiestrust.org.uk, alternatively click the following link: <https://www.chathamgrammar.org.uk/facilities-for-hire>



CG CHATHAM
GRAMMAR

Lettings

- Sports Hall
- Dance Studio
- Main Hall
- Classrooms
- Meeting spaces

**FACILITIES
AVAILABLE TO
HIRE NOW**

For more information please visit:
<https://www.chathamgrammar.org.uk/facilities-for-hire>