

Year 8 Holocaust Trip

Taking place on Wednesday 2 and Thursday 3 of February was the year 8 trip to Huddersfield University to learn about Holocaust – a term meaning a great or complete devastation or destruction, especially by fire.



However, the word is more commonly known as the genocide of approximately 6 million Jews carried out by Adolf Hitler and Nazi Germany.

Holocaust trip was also the first trip for the year 8s due to the pandemic. When we first entered the Holocaust exhibition, each teaching group was split up and each partaking in different activities then switched around at the halfway mark. The first activity for my group included doing a case study on multiple case studies about people who suffered from the holocaust and people who collaborated and took an active part in the holocaust as part of Nazi Germany.





The teaching group was split up even more into groups of 4s and were asked to study objects, places and timeline events that correlated to a specific person. At the halfway mark we were asked to switch activities and we were moved to a different room with a different tutor. We were then asked to discuss the differences between a rescuer, a bystander, a collaborator, and a persecutor.

A rescuer is someone who saves someone, or a group of people not based on backgrounds or race. A bystander is someone who watches something being done but does nothing about it. A collaborator is

someone who helped in the war by helping Nazi Germany. A persecutor is someone who persecutes someone based on their race, political or religious beliefs

Then we looked and took pictures of the exhibition created by holocaust survivors to educate the new generations about it. After the 2 activities we were then asked to pack up and go back to the coaches where they took us back to school



Edited by Rومان Qureshi and Rahim Shahzad
 Photography by Hakeem Buckle and Michael Anderson
 Writing by Shafan Haider Pervez and Marcus Mijares

Non-uniform day/Valentine's day

Fund raising on Monday 14 February raised in excess of £750, which will be divided equally between the Y11 prom and the Children's Heart Surgery Fund.

Fundraising for Beau has now topped £1800; a final total will be published after half term.



Subject Focus - Chemistry - Why I Study Chemistry?

As part of our Y12 Induction our A-Level Chemistry students were asked why they study Chemistry. Here are a couple of responses to the question.....

As a first year, Chemistry A-Level student, I can easily say it's not an easy subject. However, I believe that it's such an opportunity-giving qualification to have. Personally, I want to study medicine at university, and Chemistry is one of the subject requirements, but there are many other reasons why I chose to study it at A-Level. It's extremely fascinating and has helped us make many advances in various areas of life. It gives us an insight of the physical universe and allows us to understand deeper meanings into how it all works. Chemistry has benefited us a lot over the years. Whether that's finding substantial ways to harness and conserve energy or making medical advancements, benefitting everyone in society. For that reason, I also see Chemistry as a rewarding qualification to have chosen. There's also the mathematical and problem-solving side of Chemistry which I find useful.

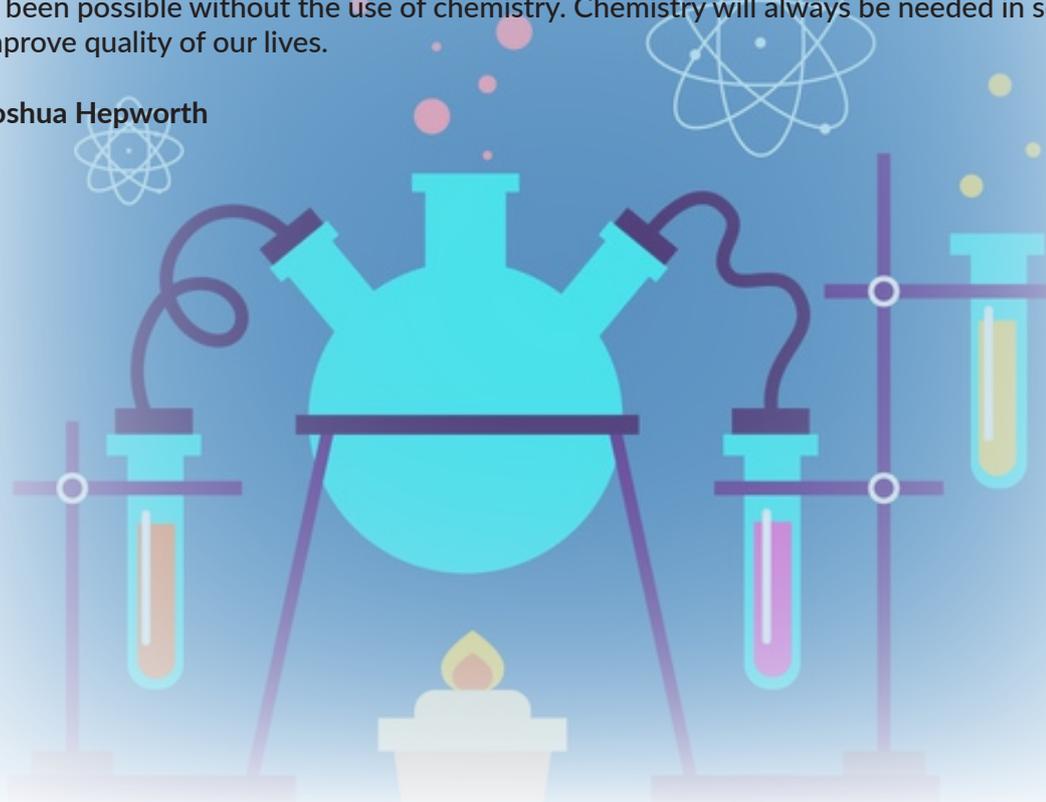
By Zaina Mahmood

I study chemistry because I believe that it is an essential part of life, it is essential for meeting our basic standards of living, for providing food, clothing, shelter, and health. By taking Chemistry I am giving myself the opportunity to gain a good understanding of how the physical and non-physical world works around us.

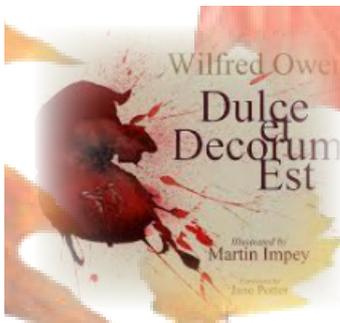
Chemistry is a fascinating field of study, it is often referred to as the central science because it joins together maths, physics, and biology but also environmental science. Chemistry teaches us useful skills, learning how to be objective, how to reason and how to solve problems. Chemistry also helps you understand more about current events like global warming, pollution and technological advancements.

Chemistry underpins many areas of life. Global challenges and more can help to be solved using chemistry with a prime example being COVID-19, a virus that has circulated and rapidly infected many across the globe with a vaccine that has been made to especially counter it that would not have been possible without the use of chemistry. Chemistry will always be needed in some way to improve quality of our lives.

By Joshua Hepworth

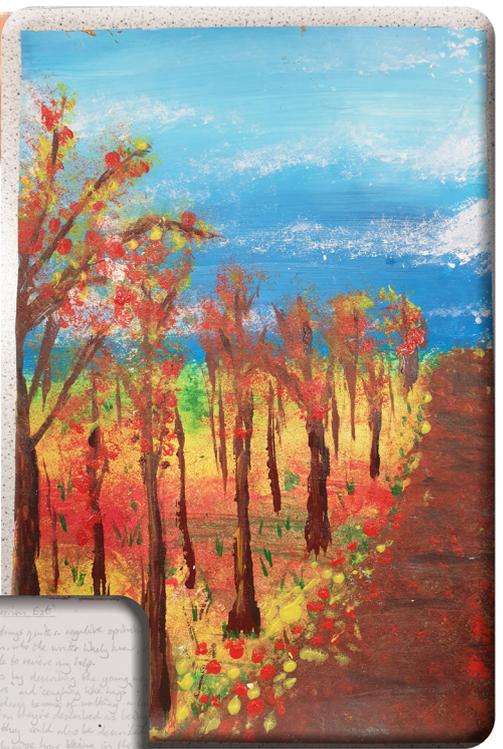


English 9B2



Students in Mrs Dye's 9B2 English class were asked as homework to produce a piece of work, in a medium of their choice, to demonstrate their understanding and analysis of the poems 'Falling Leaves' or 'Dulce et Decorum Est'. Mrs Dye was overwhelmed with the response. The class produced some thoughtful and perceptive pieces of writing and visual representations.

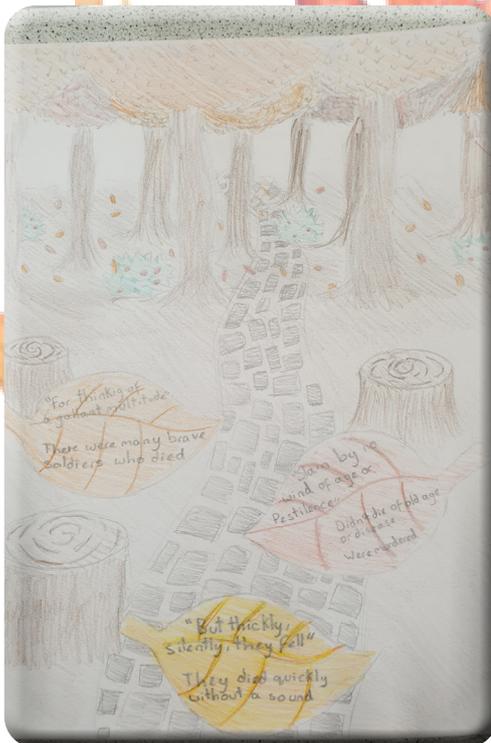
Well done to all the class!



Caitlin Tolan



Zara Popplewell



Esme Claughton



Aiza Hashmi

The School of Mathematical Sciences at the University of Southampton presents



THE LIGHTHOUSE CONSPIRACY

Best results yet in the National Cipher Challenge

This year's National Cipher Challenge (The Lighthouse Conspiracy) began in the middle of September with the following call to action: In the depths of GCHQ there is a cold case division nicknamed "The Archaeologists". They spend their time deciphering obsolete wartime dispatches and diplomatic communications, unbroken in their day, in the hope of finding something still significant. Now this ragtag group of puzzle solvers, linguists, mathematicians, and computer scientists have been sent a collection of papers that will shake the intelligence community to its core. The Archaeologists need your help to decipher them, and to break The Lighthouse Conspiracy.

An avid cryptographer herself, Ms Jarvis successfully recruited over 30 students to join her in the competition. The competitors formed themselves into teams and set about thinking of team names that would set them apart from the hundreds of teams taking part this year. A personal favourite of Ms Jarvis was Salt and Vigenère (a type of cipher), led by Husaina Lokhandwala 8B1. A special mention goes to Mischa Mistry 8P2 who, like Ms Jarvis, preferred to work as a team of one, The Mistry Cipher.

Each Thursday at 3pm a new pair of challenges went live and competitors had until 11pm the following Wednesday to crack both ciphers and get closer to breaking The Lighthouse Conspiracy.

[Go to Challenges](#)

As the competition progressed, the ciphers got more and more difficult to solve. Room S001 became a hive of activity on Wednesday and Friday lunchtimes with teams striving to break the ciphers before the deadline or to get a head start on the next pair of ciphers respectively.



The competition culminated with the final pair of challenges (Mission 10) going live on 16 December. Competitors had until 11pm on 6 January to crack the ciphers and the Virtual Maths Club Team was a hive of activity throughout the Christmas holidays. Ms Jarvis made a breakthrough on 29 December, finally cracking the final challenge the next morning. Other HGS teams followed closely behind and many completed the challenge during our first maths club session of 2022.

The wait ...

The wait for the final league table to be published was an agonising three weeks but it was well worth it, as this year's challenge turned out to be our most successful National Cipher Challenge yet, with 4 HGS teams featuring in the final top 20: msjjmaths (=12th), Misanthropes (=13th), Pi-thon (=15th) and Option 3 (=16th). Congratulations to all of the members of these teams, their consistency throughout the duration of the competition helped to ensure their team's positions in the final Top 20: Rachel Gan, Daisy Thornton, Veronica Bereza and Gursimran Notay (Team Misanthropes, all year 9); Miraya Vyas and Anshu (Team Pi-thon, both year 8); Qusain Mir, Charlie Pearse, Zaynah Hussain, Sarah Mehmood, Lucy Jones, Sophiya Bashir, Eden Amakoh and Esme Claughton (Team Option 3, all year 9)

Some of this year's competitors have written about their Cipher Challenge experience:

Since the National Cipher Challenge started, every week has been a different sort of challenge; From simpler Caesar ciphers to more complex Playfair ciphers! Up until the penultimate challenge, Pi-thon managed to stay in the top three out of over 1000 teams! Just to summarise, the competition has been a great way to work on our code cracking skills and have lots of fun too! The 10 weeks of challenges has been thought-provoking, tough, exciting and what not! The best part was that last year Pi-thon (Miraya & Anshu – Yr8) did not manage to complete the final challenge whereas this year we broke the barrier and cracked the final cipher! Miraya Vyas 8B1



We really loved taking part in the Cipher Challenge. It was an amazing experience and always got our brain working. We made a few friends and learned how to do cryptography. It was such a fun way to start year 7 and we hope to do it again next year. Bhoomi Marathe

7B1 & Niamh Gavaghan 7P2

The Cipher Challenge was a great way for me to broaden my maths skills. At the start, I knew little about ciphers but after it finished, I saw that my confidence and knowledge had grown enormously. I felt that I was challenged to push myself, and it was useful to give me some more knowledge about types of ciphers I didn't know e.g., Hill Cipher, Polybius Square etc.

The first few challenges were quite simple to understand, and I was given some tips on how to decode the encryption; however, as they grew on, they became gradually harder, pushing me to use logic and different techniques to the best of my ability, until we got the answer. The last challenges proved to be difficult, however, since we had already learnt so much, we were able to use what we knew and adapt to the situation. We received help from others, too – help that gave us a better view of the question, but not entirely giving

I also enjoyed how the challenge followed a story (The Lighthouse Conspiracy), as this gave us something to enjoy after decoding the code, reading a story. This challenge also gave me a chance to meet new people and make new friendships, since I had only just started Year 7 at the time – it assisted in strengthening teamwork and communication skills, as we were in teams.

Overall, the experience has been extremely beneficial; it was really fun and challenging, giving me a chance to use what I know already to learn new things. Meghna Menon 7H2

Over the past couple of years, we have done the cipher challenge and it is a challenging competition which we have enjoyed doing where the harder it gets, the more motivated you are to completing it . This years cipher challenge was really fun to do with our friends who enjoyed doing it too and it was nice to see so many people attempting it which made us compete with each other. This only motivated our team more as we were one of the only year 9 groups so we almost had to do well which we happily did. It was overall a challenging yet fun experience that I can't wait to do next year - maybe then we can beat Ms Jarvis. Qusain Mir 9B2 and Zaynah Hussain 9H2

Taking part in the Cipher challenges over the years, enabled me to enhance my skills and my confidence: from working with different students to flying solo, I have always enjoyed taking part in these cipher challenges throughout the years. For those of you who don't exactly know what the cipher challenge is here you go: The national cipher challenge is a nationwide codebreaking competition for different school teams to compete in. Over the years I can definitely say how wonderful the experience has been each year, it has taught me what teamwork really means, and previously being a team captain gave me confidence and leadership skills. Leesha Dubey 10H1

There were also 2650 teams taking part overall so that puts our success into context!

Final Placings

Position	Team	School
1	msjjmaths	Heckmondwike Grammar School
2	Misanthropes	Heckmondwike Grammar School
3	Pi-thon	Heckmondwike Grammar School
4	Option 3	Heckmondwike Grammar School
5	Salt and Vigenere	Heckmondwike Grammar School
6	The Mistry Cipher	Heckmondwike Grammar School
7	HouldsworthClarke	Heckmondwike Grammar School
8	Very Cool Nerds	Heckmondwike Grammar School
9	Caeser Salad	Heckmondwike Grammar School
10	3 Boys	Heckmondwike Grammar School
=10	ASMA_W	Heckmondwike Grammar School
=10	berries and cream	Heckmondwike Grammar School
=10	CodeBreakers357	Heckmondwike Grammar School
=10	Ethan + Adi	Heckmondwike Grammar School
=10	Niamh + Prisha	Heckmondwike Grammar School
=10	NRG	Heckmondwike Grammar School
=10	phone addicts	Heckmondwike Grammar School
=10	Puzzle People	Heckmondwike Grammar School
=10	Team of Epicness	Heckmondwike Grammar School

Meet The National Cipher Team



Library News

World Book Day Celebrations

Thursday 17 February - Monday 7 March 2022

We are celebrating 25 years of world book day on Thursday 3rd March. Why not visit the library, download an eBook or take part in one of the competitions. There will be prizes and House Points!

Design a bookmark Competition

Opens Thursday 17 February and closes Monday 7 March

Want something to do over half term?

Collect a bookmark template and entry sheet from the library and create a bookmark with a literary theme. It can be about a book, character, or simply to celebrate reading. The winning designs will be printed and made into bookmarks that will be available from the library.

Entry packs are available from the library from Thursday 17th February. All entries need to be in by 1pm on Monday 7 March.



Describe a book in 25 words

The aim is to describe your favourite book in 25 words or less. Use the form below to send your entry. These will be displayed around school and you will be able to guess the books.

World Book Day Competition. Describe a book in 25 words. Submit your entry using this link on microsoft form - <https://tinyurl.com/35zyczv8>

Year 12 & 13 Name the book Competition!

Taking place during tutorial.

Are you up for a challenge? You will be given the first 25 words of a number of books and you have to identify which book they are from.

Library News continued

Create a facemask

Create a facemask to represent a book, a character from a book, or to celebrate reading. Entries must be handed in by Monday 7th March.

Want some inspiration? Take a look at some of the entries from last year.



Treasure Hunt Thursday 3rd March Lunchtime

- Collect a question sheet at break and hunt for the answers around school.
- Hand in at the end of lunchtime.
- This can be done in a team of up to 4 people.

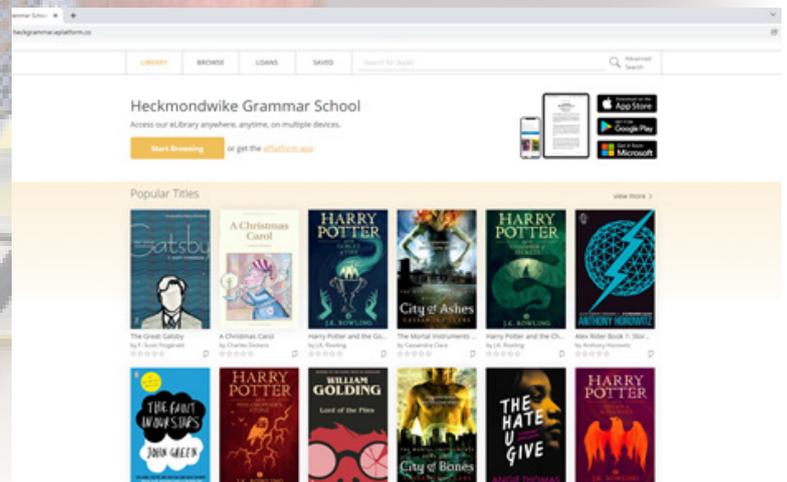
FREE access to eBooks



Students can access a range of fiction books on the ePlatform. This can be accessed by downloading the ePlatform app or visiting

<https://www.eplatform.co/gb/find-libraries>

Students can borrow two books at one time and keep them for two weeks. To login is with your school computer



Manage your Library Account with My Cirqa

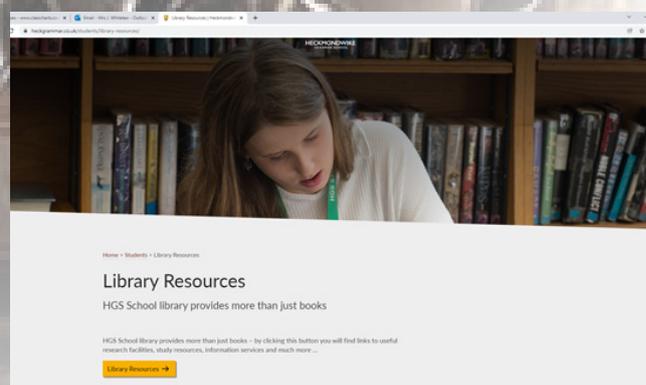


My Cirqa gives students access to their library account. They can search the library catalogue, look at their borrowing history and reserve or renew books. Students can access their library account via the My Cirqa app or via the link on the library resource webpage. They will need a username and PIN that has been emailed to them. Please email the library or ask at the counter where PIN codes can be reissued.

Library@heckgrammar.co.uk

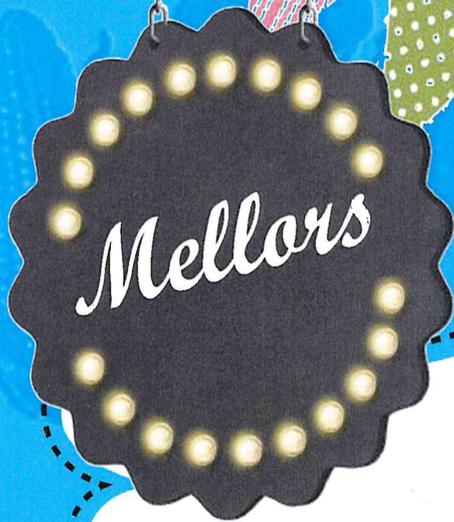
Library Resource Webpage

Visit the Library Resources webpage to access lots of online materials to support GCSE and A-Level subjects. There are foreign language newspapers, subject specific magazines, The Financial Times, British Medical Journal and much more.



<https://www.heckgrammar.co.uk/students/library-resources/>

Breakfast Club Menu



Toast

Waffles

Cereal with Milk

Porridge

Bacon Sandwich

Sausage Sandwich

Bagel

Years 7-11 in the main dining room,
from 7:45-8:30am,
starting from 28 February 2022

NB. this meal provision is not available as a free
school meal option



MOVING ON?

Donate it

Please donate clothes, bags, books, CDs, DVDs and any other stuff you no longer need to help stop people dying from heart disease.

We love the things you no longer need.



**FIGHT
FOR EVERY
HEARTBEAT**

**Dewsbury British Heart Foundation Stock Appeal
Urgently needed :
Homewares, women's, children's and men's clothing,
handbags and shoes.
To continue to raise funds for life saving research.**

**Please call 01924 485882 for a free collection.
Many thanks for your support – Jackie, Penny, Andrea & the
volunteer team**

We made in into the Yorkshire Post!



Pupils' bee-friendly design to be sold by leading museum

PLS AT Heckmondwike Grammar School with a passion for protecting the environment had their efforts recognised as one of the UK's top museums. Six students Hannah, Lily, Alice and Naomi led a design for a seed launcher that would help flowers create a source of pollen bees, which the Design Museum's annual schools petition. Pupils have now seen their design come to life after working with the Leeds-based Tom Dick Henry Studio. The product, Grow Wild, will now be sold at the



Design Museum's gift shop in Kensington, with proceeds going towards Kirkwood Hospice in Huddersfield. Fiona MacDonald, Head of Learning at the Design Museum, said: "In a year when environmental concerns have been brought to the fore, it is wonderful to see the students take on board these challenges when designing a product. Grow Wild is a playful and appealing product for families that tackles the real-world problem of bee population decline. It will make a wonderful addition to the Design Museum Shop and will help showcase the importance of design towards a sustainable planet."

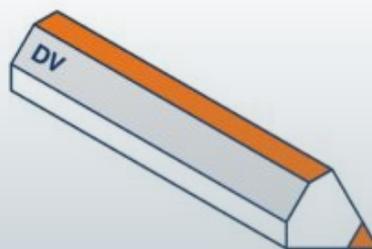


FROM CLASSROOM TO SHOP: Pupils at Heckmondwike Grammar School, who were determined to do their bit to save bees, have their design for a pollinator win top place in a Design Museum competition and will now see their product sold in the museum's shop.



DESIGN VENTURA 2021-22

Bringing the business of design to life with Deutsche Bank



The Grow Wild Seed Launcher can be purchased from <https://designmuseumshop.com/products/grow-wild> and we think it would make the perfect Mother's Day gift!

INTERWOVEN

Did you, or do you still, work in the textile industry?
We want to hear your stories.



Credit: Duncan Scott Archive, courtesy of University of Huddersfield Archives



Credit: Hardeep Sahota

INTERWOVEN is an ongoing project that is part of the wider WOVEN textile festival. It brings people together through music and storytelling, to celebrate our shared experiences of the textile industry, past and present, in Dewsbury and across Kirklees.

We would like to use your stories of working in the textile industry in a few different ways. They could become the inspiration for a new piece of music, bringing together Qawwali music, brass bands and folk singing, that will be performed at an event in Dewsbury in May 2022. They may also be used in a film, exhibition, workshops and talks that will accompany the performance. You'll be invited to the performance and any accompanying events.

So, if you have a story about textiles or working in the textile industry that you would like to share, or would like to ask any questions about the project, please initially contact Satnam on satnam@manasamitra.com or 07413 399054.

We will then arrange a time to record your story, either in person, online or over the phone. We can do this in either English, Urdu or Punjabi. If you would like us to record your story in any other language, please let us know and we'll make every effort to accommodate that.

Many thanks
The INTERWOVEN Team



FoHGS Valentine's Raffle

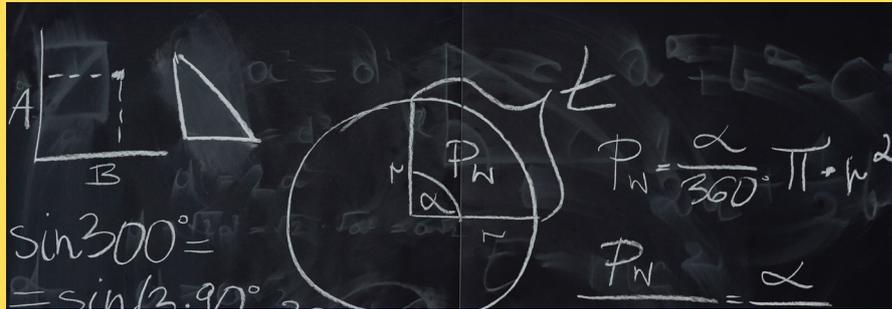
**Tickets on sale NOW - closes 5pm
Friday 18 February**

[Buy your tickets by clicking this link](#)

We thought we'd give you a quick snapshot of some of the prizes up for grabs...

- £150 Grand Cru Restaurant donated by Blacks Solicitors LLP
- £100 M&S vouchers
- £50 FHB Uniform voucher
- £50 Gite voucher (for the South of France)
- Made to order cupcakes from Sweetpuffs
- Gel manicure from Nails by Chloe Louise
- Spice hamper from Sobia's Spice
- Prosecco night in Box by Ginger Whale
- Beauty Hamper
- Food Hamper
- Cosy Night in Hamper
- Acti Labs Hamper
- DIY Cookie Making Kit

FEBRUARY HALF TERM MATHS CHALLENGE 2022



There are challenges for:

- Y8 & below
- Y10 & below
- Open category (under 18)

The theme this year is Famous
Artworks

**CONTACT MS JARVIS FOR MORE DETAILS
QUESTIONS WILL AVAILABLE FROM FRIDAY 11
FEBRUARY.**

DEADLINE FOR RETURNED ENTRIES IS 11 MARCH

The charity Mathematical Education on Merseyside has been running Challenge and Senior Challenge take-home maths competitions in February half term since the late 1970s. The competitions attract about 2000 entries annually, with Challenge aimed at years 7 and 8, and Senior Challenge aimed at years 9 and 10.

A third competition, the Open Challenge, is aimed at students aged 18 and under and is organised by the Liverpool Mathematical Society.

Last year three HGS students' entries were awarded prizes, one in each of the three categories. Let's see if we can better that result this year!

Please contact Ms Jarvis via Teams if you would like to take part. Challenges will be available via Teams from Friday 11 February.



YOUNG CHEF OF THE YEAR 2022



YEARS 7 & 8 ONLINE DESSERT CHALLENGE:
 Create a restaurant style dessert and send us your pictures

OPEN TO YEARS 7 & 8
ENTRY DEADLINE:
 Friday 18 March 2022, 12 Noon
WINNERS TO BE ANNOUNCED:
 Friday 27 May 2022

To enter please send us pictures of:
 1 - You making the dessert
 2 - You holding the dessert
 3 - The recipe
 4 - Your final dish

Contact student recruitment for guidelines and entry form sturec@kirkleescollege.ac.uk or visit our website www.kirkleescollege.ac.uk



KIRKLEES COLLEGE WOULD LIKE TO INVITE BUDDING CHEFS FROM ALL OUR SURROUNDING SCHOOLS TO TAKE PART IN



YOUNG CHEF OF THE YEAR 2022

YEARS 9, 10 & 11 DESSERT CHALLENGE:



You will have 2 hours to create and serve 4 portions of a restaurant style plated dessert and sweet sauce

OPEN TO YEARS 9, 10 & 11

ENTRY DEADLINE: Friday 18 March 2022, 12 Noon

HEATS: Starting from Wednesday 4 May 2022

MASTERCLASS: Wednesday 25 May 2022

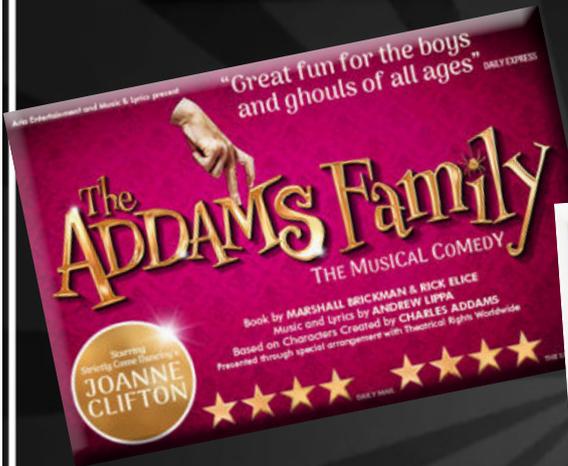
FINAL: Wednesday 15 June 2022

Contact student recruitment for guidelines and entry form sturec@kirkleescollege.ac.uk or visit our website www.kirkleescollege.ac.uk



HGS

trips



The Holocaust
Exhibition and
Learning Centre



Yr 11 English Students
Leeds Playhouse 10 March 2022



Yr 11 & 12 Drama Students
17 February 2022



Yr 12 Geographers#
28 -February -3 March 2022



Parent Notices

Friday 18 February

School closes normal time - 15.15,
for half-term break

Monday 28 February

School fully opens after half-term normal time for all

Monday 28 February - Thursday 3 March

A Level Geographers Cranedale Trip

Friday 4 - Monday 21 March

Years 11 & 13 Mock Exams
timetable available on this [link](#)

Tuesday 8 March

Years 7 & 8 Employment Panel - Event during school
as part of National Careers Week

Wednesday 9 March

Rock & Pop Concert- further details to follow

Thursday 10 March

Year 11 English Trip Macbeth - Leeds Playhouse
&

Yr13 HE Finance Evening

details to be shared closer to the time

Friday 18 March

Comic Relief - Red Nose Day