



### Lunchtime Piano Recital

On Wednesday 28th February, Mr Appleton, one of our visiting music teachers, held a piano recital for students who are working on the earlier stages of their piano playing. The idea was that students could practice performing in a safe and comfortable space, as 'if they were playing in their living room to their friends'. The recital was highly successful and resulted in some of the performers being asked to perform in assembly. All the performers received a postcard for their professionalism. - Ms Beacon



### MedSoc

On 26th February, we were fortunate to be visited by Ashmole Alumni siblings, Drs Harry and Antony Zacharias. They presented to a packed classroom consisting of the Y12 Medsoc cohort. We heard about their journey to UCL to study Medicine, and how they are finding their training as junior doctors. We gained invaluable insights into life as a medical student and as a doctor, and learnt how to develop the skills required to succeed, and are so grateful they took the time to come and see us. - Mrs D Shah



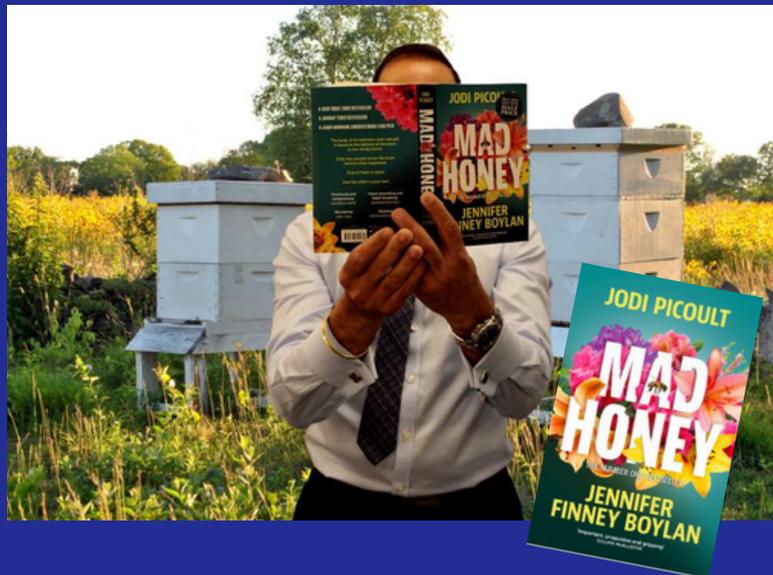
### Music Theory Club

Mr Christmas is now holding a GCSE Music foundation theory class on Monday mornings at 8:00am. This club is proving to be highly popular and effective, and is well attended. So far pupils have learned how to build and identify the four types of triad, and they are now learning how to construct major and minor scales. If your child is interested in taking GCSE music, or is already on the course they are very welcome to attend: just ask them to turn up at 8:00am next Monday! Students in all year groups are welcome! - Ms Beacon



# WORLD BOOK DAY®

7 MARCH 2024



## World Book Day

All week, students have been invited to participate in a "Guess the Teacher behind the book" photo competition, or they could take the Book Trail around the school to see if they could locate all 19 book posters and letters. (Easter Eggs and Book Tokens will be awarded to lucky winning entries, early next week!)

Then, on Thursday, students took part in the book quiz during tutor times and at lunchtime we held a big book swap in the Library. Many students took advantage of this opportunity to bring in a book they no longer wanted and exchanged them for new ones.

Official World Book day tokens have been distributed, so don't forget to use them at participating supermarkets, WHSmiths, Waterstones and many independent bookshops, before the end of March. You can use them to pick a free World Book Day book worth £1 or use the token towards another book of your choice.

Finally, to coincide with World Book Day, new recommended reading lists for Year 7 to Year 11 have been published on the school website, on Google Classroom and hard copies are available in all tutor bases. Please feel free to browse these to help you find your next great book! - Ms England and Ms Athanasiou



## Mini Hair Investigation 7AGN

7AGN have been investigating why we wash our hair with shampoo. They conducted research on the active ingredients of different types of shampoo. They then carried out an investigation to see which type cleaned hair the best. They did this by observing their hair under a microscope before and after washing it. - Mrs Morley

## Astronomy Club

Leo in 7MOY regularly attends Astronomy Club where each week a year 12 student does a presentation on an aspect of Astronomy that interests them. Before half term Leo bravely put himself forward to do a presentation of his own on the complex topic of Nucleosynthesis, which he delivered this week with aplomb. The content of his presentation was at A Level standard and beyond, which is exceptional for a year 7 student, and he did the whole presentation without notes. This included drawing lots of diagrams on the board and answering questions at the end; all from his own knowledge of the subject. Leo spoke clearly and confidently, and even gave the year 12s some advice on how to tackle learning the challenging subject of physics! Most importantly; the audience of year 7s, 8s, 12s and staff all loved his presentation and were in awe of his subject knowledge and confident oratorical style. We look forward to further erudite presentations from Leo in the future! - Mr Costello

## Trip to Clifford Chance

Visiting Clifford Chance as a year 10 student was an eye opening and enriching experience. It provided me with a remarkable insight into what it's really like to work for such a prestigious law firm. Driving through Canary Wharf and seeing all the stunning buildings within the financial district was incredible. First, we were given an introduction to Clifford Chance by one of the trainee solicitors. We learnt about the types of law they specialise in, their client base and their journey with the firm. Then we were given a tour of the building where we were shown some of the awesome facilities available to staff. These included a restaurant, bar, gym, spa, hairdressers and even a swimming pool! Then we met with some of the employees and were given the opportunity to ask questions about their journey, qualifications and what a day in the life may look like for someone who works at Clifford chance. I found this extremely beneficial, as I was able to ask my questions directly to the professionals who gave answers based on their own personal experience. It was both an insightful and enjoyable day out. - Anika Y10



# 8-17 March British Science Week 2024



## Science Week 2024

Science week runs from the 8th-17th March - a yearly celebration of science, engineering, technology and math. This year's theme is 'TIME' ...Find out more on the display board along the chemistry corridor and in the library,



### FINDING A STOMATA

Microscopy is an important skill in science research to explore and investigate the tiniest of details. Students have been developing these skills by focussing on stomata - tiny openings present on leaves, and sometimes, stems of plants. Stomata play an important role in gaseous exchange and photosynthesis.



### HEART DISSECTION

12C did an amazing job dissecting and labelling a heart to consolidate their knowledge and complete one of their required practicals. Amina in particular conducted the dissection with great precision meeting all the competency criteria .



### SPEED DISTANCE AND TIME

Year 10s have been investigating the relationship between speed, distance and time... They had a fun session timing how fast they could run /walk a given distance to prove that speed = distance /time.

$$\text{SPEED (m/s)} = \frac{\text{DISTANCE (m)}}{\text{TIME (s)}}$$

- Mr Cumming & the Science Department



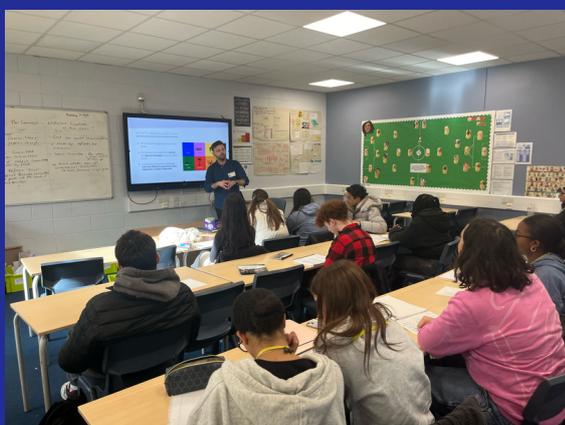
### Tate Britain Art Trip

Years 12 and 13 had the chance to visit the Tate Britain Museum on the 22nd of March and got a private introductory tour. They explored classical pieces of work and the stories behind them, like John Everett Millias' Ophelia created in 1851. After the tour, the students were able to explore the more modern pieces finding inspiration for their current projects. - Ms Goldschneider



### Politics Society

Politics scholar Otis led Politics society with an excellent round-up and question & answer session on recent political news. His presentation was highly entertaining, interactive and informative. - Mr Halford



### The Politics Project

The multi award winning, non-partisan and not-for-profit group 'Politics Project' came in to school and gave a superb talk to Year 12 Politics students on the importance of voter registration and political engagement. Students thoroughly enjoyed the presentation and involvement in their 'break-out' discussion groups. Many excellent questions were asked of the speaker, Luke. Thanks to Luke for such an entertaining and informative session. - Mr Halford



### Year 13 Chemistry

Our year 13 Chemistry students have been studying the biochemistry topic of amino acids. They used their A-level knowledge to make a model of DNA using sweets and then critically evaluated their model, trying to come up with alternative ways to represent DNA. They came up with some really creative ideas. - Ms Patel

### Year 10 Geography Trip - Epping Forest

On Monday and Thursday last week our Year 10 geography cohort visited Epping Forest as a part of the GCSE course. Students investigated how flood risk changed with distance downstream, as well as various channel and river characteristics, including width, depth and velocity. Students will follow up with this in class and conduct additional secondary data collection. They will answer questions about their fieldwork and apply their knowledge in their 2025 exam.

It was a pleasure to take students out for the day, well done for working so hard, and thank you so much to all the staff who accompanied the trip too! - Miss Vaughan



**Evaluating the model**

What is good about this model?  
How is it similar to real life?  
What are the drawbacks of this model?

**Create**

Create an alternative model to represent DNA

Think critically by either analysing, evaluating key elements, explaining the outcomes or proposing alternative models.