

Executive Principal: Mrs Ruth Holden, MA, NPQH

Friday 2<sup>nd</sup> February 2024

Dear families,

I hope you are well. It's been a fantastic week. On Tuesday, we hosted Year 11 Parents' Evening. Parents had the opportunity to speak to teachers about how they can best support their child for the upcoming GCSE exams. Thank you to Mr Rahman for his leadership on this event.

### **Year 8 HPV Vaccination**

Students in Year 8 are due to receive their HPV vaccination, which will be given in school on Thursday 29<sup>th</sup> February 2024. Please complete the form by following this link, even if you wish to refuse.

<https://london.schoolvaccination.uk/hpv/2023/towerhamlets>

From September 2019, the HPV vaccine is being offered to boys as well as girls. The HPV vaccine is universally offered as routine in year 8. The vaccination is free and recommended for young people to protect them against the human papilloma virus which increases the risk of developing some cancers later in life, such as cervical cancer, some mouth and throat cancers and some cancers of the anus and genital areas. For further information on the vaccine please visit: HPV universal vaccination: leaflet – GOV.UK

<https://www.gov.uk/government/publications/hpv-vaccine-vaccination-guide-leaflet>

### **Uniform Standards**

Students must wear their blazers around the school building at all times. If you have a child in Sixth Form, please remind them to wear their lanyard. Hoodies are not allowed inside the school gates and any seen will be confiscated.

Yours faithfully



Ms Melissa Gibson  
Head of School

Part of the

**Mulberry**  
Schools Trust



## Executive Principal's and Head of School's News

### Year 11 Parents' Evening

Thank you to Mr Rahman for leading this excellent event at the school in the week. Thank you to parents who came and made the evening very worthwhile. It really is a very important time for Year 11 as they consolidate their knowledge and learning up to the Easter Mocks.



### Year 11 Tea Party

It was fabulous for me to host another tea party for Year 11 on Wednesday. Year 11 students sat with myself and Ms Montgomerie and Ms Scales and Mr Griffiths to discuss their plans for sixth form, higher

education and beyond into the work place. It was just lovely to spend some time with some delightful students who are very able and focused - well done !

### 6th Form evening

We held one of our frequent Sixth form evenings on Wednesday - where students from other schools can come in and meet myself and other key staff with regard to our 6th Form offer and see our buildings and listen to all the work we do with students. A very lovely event with some fantastic students who are applying to our very successful and popular sixth form



### House Film night

Thanks to the House team for another of their evenings for students - this time a film night showing Barbie. Fun and thought provoking!

Thank you,  
**Mrs Ruth Holden,**  
Executive Principal  
**Ms Melissa Gibson,**  
Head of School

## Sixth Form News

On Wednesday morning, several Year 12s listened and took part in a fascinating Bank of America, careers in technology careers workshop. The live webinar highlighted the numerous opportunities in technology within banking.

On Wednesday afternoon, we welcomed over 50 students to our Sixth Form to learn more about the STEM Academy, Mulberry Scholars Academy and the different A-Level and Vocational pathways we provide. It was fantastic to meet and talk to students and parents about their



enrolment at our Sixth Form next year!

Anisa has successfully moved on to the next step of the Access Ashurst Law Internship. This involves 2-weeks of paid work experience and skills workshops in July, in addition, mentor

support in Year 13. Congratulations, Anisa!

Year 13 Mock Timetables have been distributed and handed to all Year 13 students. Please see Mr Hibbs if you have not yet received your timetable.

## UCAS UPDATE

We sent off 206 UCAS applications, 91% of the Y13s, before the deadline at 6pm on Wednesday!

Big thanks to all Y13 teachers and form tutors for all their work with Y13 students. Special shout out to Mr Hibbs and Mr Griffiths who have written a ton of references, supported with personal statements and spent hours workign with students to get their applications done!

New offers this week include:

- Psychology at Queen Mary

- Law at University of Law
- Diagnostic Radiography and Imaging at University of Herts
- Interior Architecture at Oxford Brookes
- Journalism at University of the Arts
- Pharmacy MPharm at Kingston

We also have students in the application process for degree apprenticeships in a number of subjects, including Software Development at Amazon, Data Analysis at TFL and Business Management at KPMG.

Now that all applications are in, our students are looking forward to hearing back from more unis. So far, about 20% of our offers have come from Russell Group unis!



# Center of the Cell

Social Science Society enjoyed a very fun visit to the Center of the cell pod experience in Whitechapel. The students learnt about human cells and engaged in interactive cell games to better learn about germs and human development.



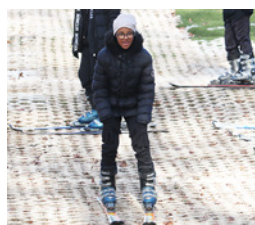
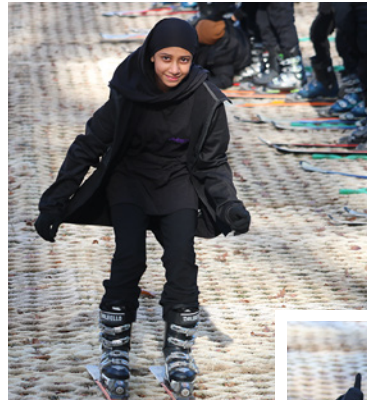
# Secure your Potential



This week Year 12 students kicked off their 'Secure your Potential' program with Maven Securities, an international trading and tech firm in London. The program offers networking, employability skills, and insights into professional life. The students enjoyed a great first session, practiced networking, and were impressed by Maven's offices with stunning city views, on-site gym, and ample amenities. We are really looking forward to the rest of the programme.

# Year 7's ski sessions

A new group of Year 7s enjoyed their first session on the ski slope at Brentwood Ski Centre on Thursday. They were all first-time skiers and, despite a few tumbles, they progressed really well and had lots of fun on what was a perfect winter's day. They're looking forward to next week's final session of the year.





# Prince's Trust Enterprise Challenge

Over the past two weeks, 52 Year 7 students engaged in the Prince's Trust Enterprise Challenge, guided by trained volunteers. They collaborated, honing decision-making, problem-solving, creativity, and resilience skills by participating in a business simulation game. The challenge involved running a pop-up shop, where teams of students made strategic choices to create and manage a micro-business. Winning teams Ibrahim Hussain, Mohammed

Umar Manan and Mohammed Yunus, and Isra Talukdar, Zoya Basit, and Maria Da Silva Tripode demonstrated excellence. Now, they aim to secure enough points for a spot in the regional finals. Good luck!

The highest score of the day was Isra, Zoya and Maria - they scored 55,000 which is amazing! And a big shout out to Amirah, Mehreen, Ayesha, Rayyan and Zain for a great pitch and unique business idea!



## House Movie Night

On Wednesday, the House Team put on a film night for Y9 and Y10, complete with popcorn and pick'n'mix - the full cinema experience! The film was the result of a student vote, with students decided to watch The Barbie Movie. We had a lovely time and couldn't have chosen a better film with which to banish the January blues.



## Year 12 Enrichment



Year 12 Health and social care class visited a local city farm to learn all about animal care and welfare, including growth and development of their animals and diets. The students enjoyed petting the animals, feeding, and holding them.

**YEAR 12 TRIP TO WALES**

WEDNESDAY 6TH TO FRIDAY 8TH MARCH

**ADVENTURE**

activities like climbing and gorge walking there will also be a mountain challenge day.

**COST £80** includes all travel, accommodation, food and activities.

Open to all Year 12 students Email Mr Stokes if you want to reserve a place.

Mulberry Academy Shoreditch

**RECOMMENDED READ**

Jessica Townsend *Nevermoor: The Trials of Morrigan Crow*

"Nevermoor: The Trials of Morrigan Crow is an interesting and magical read."

Nihal Kurapati 7E

Mulberry Academy Shoreditch

**WORD OF THE WEEK** *WOW!*

**Attribute**

**DEFINITION**  
A quality or feature, especially one that is considered to be good or useful.

**EXAMPLE**  
Kindness is just one of his many attributes.  
She possesses the essential attributes of a world class footballer.

**SYNONYMS**  
Feature  
Characteristic

**ANTONYMS**  
Flaw  
Defect

**CHARACTERISTICS**  
The word 'attribute' is also a verb and means to explain something as being the result of something else. In this sense of the word, attribute is usually followed by the word 'to'.  
For example, She attributed his bad temper to his ill health and old age.



# Y12 Baker McKenzie Insight Day

On 30th January, Mr Hibbs took 7 students from his Year 12 Law Class to the Baker McKenzie Headquarters in Bishopsgate. Baker McKenzie is one of the world's most recognized law firms, with over 70 global offices. They also work alongside large corporations such as McDonalds, Meta, Netflix, BP and Shell. The 'Insight Day' provided our students with an opportunity to gain an insight into the prestigious work of Baker McKenzie, learn about career opportunities in law, and improve their employability skills. Our students enjoyed a series of sessions led by both trainee and experienced solicitors, including a Q & A and employability workshop. They also had a networking lunch with students from other school and current staff. Additionally, the day served to provide insights into how to submit an outstanding application for 'Beginnings at Baker McKenzie', their newly launched social mobility programme aimed at year 12 students. Our students left feeling emboldened to apply for this programme and to also seek law-related work experience in the summer.



# Virginia Primary Art

For their botanical illustration project, Year 5 students learned about colour theory and mixed media paintings using watercolours and colouring pencils.



## MULBERRY STEM ACADEMY

IN PARTNERSHIP WITH MERCEDES-BENZ GRAND PRIX

## Year 7 Launch

This week, we introduced the STEM Academy to our Y7 students. After breakfast, students learned about what students in the STEM Academy have done in the past few years and what we're planning for them this year. The Y7s have an exciting year ahead with programming, robotics, go-karting and science qualifications. Good luck to all students applying!



## MATHS PROBLEM OF THE WEEK

Did you manage to solve the maths problem this week?

Using only pieces like the one shown in the diagram, Zara wants to make a complete square without gaps or overlaps. What is the smallest number of pieces she can use?



### ANSWER: 20

Since the total area of a square created with  $N$  of the pieces shown will be  $5N$ , we need  $5N$  to be a square number. Therefore  $N$  is of the form  $5m^2$  for some integer  $m$ , and of the options given, only 5 and 20 are of that form.

Consider first whether it is possible to create a square with 5 pieces. Such a square would be a  $5 \times 5$  square and, as shown in the diagrams below, it is then only possible to cover the central cell in one of two ways (rotations and reflections of the arrangements shown being essentially the same).



Whichever of these two arrangements is used to cover the central cell, it is easy to see that the remaining cells cannot be covered with four more of the pieces and hence it is impossible to build a square with 5 of the pieces shown.

However, since two of the pieces can be placed next to each other to form a  $5 \times 2$  rectangle as shown,



and 10 of these rectangles can easily be combined to create a  $10 \times 10$  square, a square can be built using 20 pieces.

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