

Executive Principal's and Head of School's News

Welcome to March and hopefully some Spring weather

Mock GCSE and A level and Btec Examinations

A huge well done to all students in Year 11 and 13 for being brilliant during their rather intensive Mock exams which are taking part in the main hall, the Library and the sports hall. Also a huge well done to Mr Law and Ms Rehman who have led the whole process of this taking place successfully.



World Book Day

On Friday the school celebrated World Book Day - thanks to Ms Miller for leading this event with Year 7 students. Year 7 could come to school dressed as a range of characters from Books and Super heroes. Also students in Years 7,8,9 and 10 took part in a competition writing Book Reviews.

Well done to staff

On Wednesday the staff at the school finally had a small get together to acknowledge the successful outcome of our Ofsted Inspection that took place in September of this academic

year. The Inspection report which is published said such things as:

'Excellence describes many aspects of Mulberry Academy Shoreditch and what it provides for its pupils'.

'the school does many things extremely well. With the unwavering support of senior leaders and governors'

'the care shown by senior leaders to pupils and staff is a particular strength'

'the attention to the well-being and care of pupils is complemented by a curriculum with academic rigour'

Thank you,
Mrs Ruth Holden,
Executive Principal

Mr Edward Rakshi,
Head of School

Sixth Form News

On 24th February, 27 Year 12 students took part in the 20th annual Youth Conference at Mulberry School for Girls. Sixth Form students from across the country are brought together to explore issues of common concern. This year's theme was 'Reimagining Equalities in a Post-pandemic world' and the



event involved a panel of high-profile speakers, a selection of workshops and focused discussion groups. The day was a great success, and we look forward to attending this event again next year.

JustGiving™

The last year has been extremely difficult for our students. As we come out of lockdown and our school begins to return to normal, there is an urgent need to give all our students the opportunity, not just to return to the classroom, but to have fun, to experience a trip somewhere, to feel the freedom of the seaside or a camping trip and to enrich their lives and undo the mental and emotional damage that lockdown will have caused. If you feel passionate about helping us to do this for our young people aged 11-18 - please donate to our JustGiving page - no matter how little or how much - you will make a difference to children's lives and we will acknowledge this. Please visit:

Donate at JustGiving

<https://www.justgiving.com/fundraising/mulberry-academy-shoreditch-fundraiser>

WORLD BOOK DAY '23

We celebrated World Book Day today (Friday) and our Year 7 students and teachers dressed up as their characters from their favourite books and comics.



They also enjoyed a treasure hunt where they had to find out as many teachers' favourite books as they could!

Mousetrap trip

There was an English department reward trip for a group of Year 8 students who have worked hard so far this year and impressed their teachers! We went to see 'The Mousetrap' play at St. Martin's Theatre - 'The Mousetrap' is the longest running theatre show in the world!

We went to see The Mousetrap play and it was very surprising! It was a murder mystery with a very big plot twist. The stage was very realistic and the overall play was thrilling and exciting. We liked that there was a bit of comedy but there were also a lot of moments that were serious and scary. The police officer was very harsh when interrogating the other characters. We would definitely recommend this play to people who enjoy the genre of mystery or true crime. Overall, it was a memorable experience!

By Fariya Chowdhury, Year 8



Wellbeing Wednesday Club

Every Wednesday after school from 3.30-4.30

Activities every week range from...

- baking
- Crocheting
- Walking
- Gardening
- Creative crafts

Sign up sheets will be available but speak to Ms. Milton if you would like to be on the list.

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BRITISH SCIENCE WEEK FRIDAY 10TH TO MONDAY 20TH MARCH 2023

SCIENCE WEEK

Look out for

- Daily periodic table hunts
- Animal workshops
- Explosive shows

and more!

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COMPETITION

Years 7-9 only

WHAT DO I HAVE TO DO? MEMORISE π

HOW DO I WIN? YOU HAVE TO MEMORISE TO THE MOST DECIMAL PLACES.

WHAT WILL I WIN? THERE WILL BE RUNNER UP PRIZES AND A GRAND PRIZE OF £50 AMAZON VOUCHER.

WHEN IS THE COMPETITION? π

PI DAY OF COURSE! 14TH MARCH 3.14 IN THE LIBRARY AT LUNCHTIME

HOW DO I ENTER? GIVE YOUR NAME TO MR. CHU BEFORE WEDNESDAY 8TH MARCH.

SEE YOUR MATHS TEACHER FOR HELP MEMORISING AND GOOD LUCK!

3. 14159265358979323846264338327950288419
71693 9937510582097494459230781640628628
89986280348253421170679 ...

THAT Art Exhibition

The THAT (Tower Hamlets Art Teachers) exhibition is a celebration of the creativity and innovative practices in 14 Tower Hamlets schools and features several pieces of artwork made by our students across different year groups. The exhibition is at The Art Pavillion, Mile End Park and is open to the public until 9th March from 11am-6pm and Friday 10th March 11am-2pm.



BMT x BWT PRESENTS

PROUD TO BE

Proud To Be stories

On Tuesday groups of Year 7, 8 and 9 students took part in the first of their Proud To Be workshops with Alain, Chloe and Chris. Our students were really engaged and immersed in the stories they told and began the session by learning more about the diverse, city they live in and how London's many different cultures make it such a vibrant place to live.

Putting pen to paper, students then started to write poems prompted by words "I'm from..." Over the coming weeks, inspired their own backgrounds and experiences, they will tell their own stories and create and perform poetry to an audience.



Creative Christ Church

It was a pleasure to welcome a lovely group of Christ Church Primary Year 5 pupils (who were also celebrating World Book Day) to MAS today, for their art workshop with Ms. Kilmanaite. They drew from observation using coloured pencils.



MAS STATIONERY SHOP

BUY YOUR STATIONERY AT BREAK IN THE STREET EVERY TUESDAY

- RED PENS TOP
- BLUE PENS TOP
- BLACK PENS TOP
- RULER TOP
- SMALL RULER TOP
- PENCILS TOP
- PENCIL CASE TOP
- BUNDLE PACK (TOP PENCILS & SHARPENERS) £1
- PENCIL SHARPENER TOP
- RUBBER TOP

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SKI TRIP '24 TO SESTRIERE, ITALY 13TH-19TH JANUARY

Cost £750 (Pay in installments) 44 PLACES AVAILABLE Y7-Y12

THE COST INCLUDES:

- Return executive coach travel
- Return ferry crossing
- 4 nights full board accommodation
- 4 days lift pass
- 4 days ski lessons (5 hours per day)
- Equipment hire including skis, ski boots and a helmet
- Activ4 representative
- Evening activities including Bingo and Quiz night and Pizza night
- Full comprehensive insurance

ARE YOU INTERESTED? PLEASE SPEAK TO MS MCRILL

SCAN ME

activ4 The trip is organised by school tours

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WORD OF THE WEEK WOW!

Accumulate

DEFINITION
To gradually collect or gather a large number of things over a period of time.

EXAMPLE
1. Tom had a messy bedroom. His parent didn't know how he'd managed to accumulate so much junk since the last tidy up!
2. The newly wed couple hoped to accumulate enough money to buy their own house in five years.

SYNONYMS
To pile up
To gather
To accrue

ANTONYMS
To separate
To shrink

CHARACTERISTICS
From the Latin word accumulatus meaning 'heaped up'.

STEM CORNER

How are vaccines made?

Recent adverts and reminders from teachers tell you that you should have your vaccines to build your immunity, but have you ever wondered what a vaccine really is?

In biology and from experience we learn that when we get infected with a virus our immune system responds much quicker the second time round. Vaccines help prepare our immune systems for the first time we get infected using one of four methods.

Viruses like flu and polio make humans feel ill but they do not make animals like chickens ill. When the flu virus enters a chicken, it has trouble surviving in that environment and becomes weaker - the scientific term is attenuated. This weaker version of the virus will not cause any harm to those with a healthy immune system, however the body's white blood cells still kill the virus and remember how, if you get infected again. Most of these vaccines provide immunity after one or two doses that is usually lifelong. Flu vaccines are made by putting the flu virus into chicken eggs and separating the weakened virus. Perhaps that is one of the reasons why people suggest chicken soup when you feel ill?

Another way of making a vaccine is killing a virus before it enters the human body. This is either done by heating the virus or exposing it to harsh chemicals or radiation. This means that there is no chance that the virus can cause mild systems which benefits those who have a compromised immune system. Once the dead virus enters the blood, the white blood cells destroy it and remember the structure of the virus in the event of another infection. A downside to this method is that multiple doses are required for immunity.

Viruses have proteins sticking out of them that they use to enter the body's cells and make us feel ill. By separating the protein from the virus, white blood cells produce antibodies that stop the proteins from entering our cells, preventing illness. This means that it is safe for people with weak immune systems. It provides long term immunity from one or two doses. Some vaccines prevent bacteria from making us ill by taking the toxins produced by bacteria and killing them so that our body is not harmed, and our body's response is similar to vaccines that use the proteins of a virus.

Instead of taking the proteins from a virus, other types of vaccines use half of the DNA which makes the protein. Once this is put into the blood our body makes its own harmless version of the protein which it then produces antibodies for. This is how the Pfizer and Moderna covid vaccines are made.

Hopefully this article satisfied your curiosity of what's inside vaccines and maybe even interested you to do your own research into the science behind them.

Mohammed Kawsar Ahmed Tajwar 12B

The next session for Year 9 DTP/ACWY vaccinations will take place on Tuesday 2nd May 2023

Please can you go on the link and complete the consent form for your child. If you do not consent can you please still complete the form

<https://london.schoolvaccination.uk/dtp/2021/towerhamlets>

Congratulations to the following Y10 students who sat the UKMT intermediate maths challenge and gained a certificate!

Fahim HUSSAIN	Bronze
Ibrahim ALI	Bronze
Maymuna RAHAMAN	Bronze
Mohammed Saif UDDIN	Bronze
Tahmidur KHAN	Bronze
Tawheed RAHMAN	Bronze
Tonima HOWLADER	Bronze
Jaylani XAMZA	Silver
Mohammed Ifaz QURESHI	Silver
SAMIN YASAR Zidan MD	Silver
Tauhid HARUN	Silver
Raheem MIAH	Gold/Best in school



MATHS PROBLEM OF THE WEEK

Did you manage to solve the maths problem this week?

The average (mean) weight of five giant dates was 50g. Kate ate one and the average (mean) weight of the four remaining dates was 40g. What was the weight of the date that Kate ate?

ANSWER: 90g

The total weight of the original five dates was 250g and the total weight of the four remaining dates was 160g.

★ Well done to this week's Problem of the Week winners, Malaz Siddieq (7F) and Dylan Ellis (8F).

International Women's Day

Wednesday 8th March 2023

EVENTS AND TRIPS

Y12 STEM
 guest lecture
 Dr Ayesha Hussain, a
 mathematical climate modeller

Sixth Form trip to
 'Women in Business'
 Event at the PWC offices

Y7 Girls event with
 local community
 centre St Hilda's

Celebrating the Contributions of Women in Lessons

- **Art:** Contemporary Female artists
- **Music:** Pioneering women in Music
- **Food Tech:** Local Female chefs in the Hospitality and Catering Industry
- **Science:** Renaming each lab after a female Scientist
- **Maths:** Embracing Equity in Maths
- **French:** Les femmes Françaises qui m'inspirent
- **Spanish:** Las mujeres que me inspiran
- **RE:** Gender equality and religious teachings
- **History:** Why is the study of women in history so important?
- **Geography:** Equality vs Equity
- **Business:** Women in Business
- **Economics:** Women in economics
- **Sociology:** The impact of feminism on our lives
- **Law:** Female lawyers in the world of law
- **Psychology:** Female Psychologists and their influence in Psychology
- **Criminology:** Women in the Criminal Justice System
- **Health and Social Care:** Women in NHS Nursing
- **Politics:** Female political thinkers
- **PE:** A summary of women's highlights at the Athletics Championships
- **Computer Science and IT:** Women in Tech

For everyone...

Celebrating Women in Literature

Lunchtime in the Library

Student Council are raising money for women's charity 'Action Aid' with lunchtime quiz and lucky dip

Student Council creative writing competition on the theme of 'Woman'

#EmbraceEquity #IWD2023

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