

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

### Science week

Well done to all of the staff in the Science Department this week, led by Ms Larkin Head of Science, for a brilliant Science week. There were loads of different things happening at the school and active science for all year groups.



### PI Day

On Tuesday the school celebrated National Mathematics PI day.

Thank you to Ms Flood and Mr Younger for their lovely PI day. Students were interactive across the school with regard to PI.

What is PI? It is the ratio of the circumference of any circle to the diameter of that circle. In decimal form PI is 3.14159265359.....



### EPQ - Year 12

On Wednesday Ms Montgomerie led the Extended Project Qualification session number 2 for Year 12 students in partnership with Southampton University.

Well done to all students and to Ms Kelly as well for her work on this.



### Notices

From Monday 20th March the school will be checking that uniform is all in place for all students and that sixth formers are abiding by their standards of school wear. All parents have been written to and students informed that next week will have a big focus on standards and uniform.

Thank you,  
**Mrs Ruth Holden,**  
Executive Principal

**Mr Edward Rakshi,**  
Head of School

## Sixth Form News

On Tuesday some of our year 12 students took part in an assembly with a representative from the Mark Evison Foundation who was promoting their school award. A chance to get £500 to complete a project that they are passionate about, students have been asked

to apply with their initial ideas and will be working with the charity to fundraise and lead on it. This is a fantastic opportunity, and it was great to see fifty students sign up. We look forward to hearing about their endeavours!



This week year 12 students have excelled at participating in projects that will impact on their community. On Tuesday morning, over 40 students took part in the first session of training to be a reading mentor. Sixth Form students will be paired up with students in the lower school to support them with reading as part



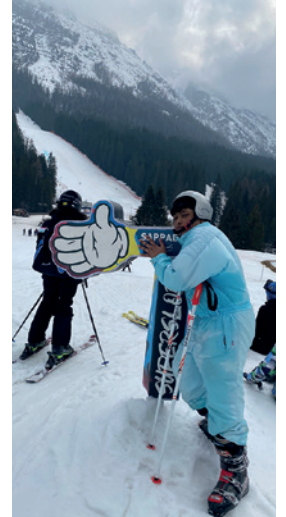
of our Rise and Read Programme. A big thank you to Ms Larkin and Ms Kelly for leading the training programme as well as our Sixth Form Leadership Team for recruiting students.



# Skiing in Seppada, Italy

Between the 3rd - 9th March 2023, Mulberry Academy Shoreditch took 41 students from year 7 - 13 on their first ever Ski Trip, to Sappada in the Dolomites in Northern Italy.

The students were divided into 4 groups and received 5 hours of ski lessons for 4 consecutive days. The progress made by all students, and staff, was phenomenal. From never having put ski boots or skis on at the start of the week, to going down red slopes and parallel turning by the end of the 4 days. They also got involved in evening activities including swimming, sports hall and walking around the local village to shop for souvenirs. All students showed great organisational skills and developed independence over the week. We are very much looking forward to our next trip to Sestriere, Italy next year!



APRES  
SKI





# Pi Day

Thank you to everyone who got involved with Pi day on Tuesday; whether you were running around hunting down teachers, reciting pi or just eating our selection of pies for charity. We loved seeing so many different people getting involved but we need to celebrate two of you in particular. Our pi recital runner up, with an amazing 130 digits, was Aidhyn Nayak. And the winner, with 168 digits (beating her sister from last year!) was Tamara Howlader. We hope you all enjoyed it and can't wait to break 200 digits next year!



Ms Begum made a Pi Day cake!

# SCIENCE WEEK

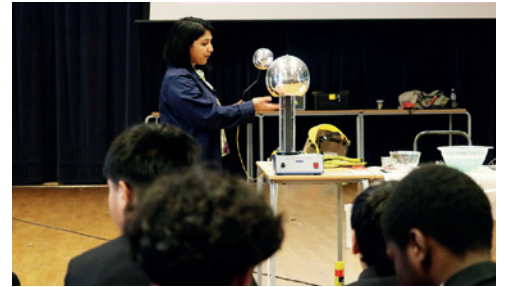


This week was Science Week here at MAS, packed with exciting and interesting activities and workshops to celebrate the wonder of science! This year the theme is CONNECTIONS.

On Monday, Year 8 watched the show "Energy Live!" delivered by the Royal Institution as part of the MAS British Science Week celebrations. The show was themed around the 8 stores of energy, and included many exciting experiments demonstrating each type of energy store and how it is used. Several brave students volunteered to assist in the demonstrations as shown in the photos.



On Tuesday, Year 7 participated in a live animal workshop run by ZooLab UK. Students were able to see several exciting animals up close including a Chilean rose tarantula and tree frog, and some particularly fearless students even opted to hold the Giant African land snail and corn snake!



Science week celebrations continue until Monday 20th March. Keep your eyes peeled for the final periodic table element hunt (difficult edition) and online competitions on Teams. Prizes and winners to be announced next week!

Mulberry Academy Group

## WORD OF THE WEEK

WOW!

### Connections

**DEFINITION**  
A relationship in which a person or thing is linked or associated with something else.

**EXAMPLE**  
1. We want to encourage activities that build connections between people.  
2. She hopes to use her connections in the fashion industry to promote her products.

**SYNONYMS**  
Link  
Relationship  
Attachment

**ANTONYMS**  
Separation  
Disconnection  
Division

**CHARACTERISTICS**  
From Latin conectere "join together"



# International Women's Day

Last week, the School Council ran a writing competition in honour of International Women's Day on the theme of 'Woman'. The judging panel, made up of Ms Tarannum and School Council members Nawal Ali (8C) and Zaara Rahman (8C), struggled to pick just four winners as all of the entries were so creative and insightful. The School Council is very happy to announce the following individuals as winners of our International Women's Day writing competition: Tamara Howlader (Year 7), Faizah Ahmed (Year 7), Halima Rahman (Year 10) and Tonima Howlader (Year 10). Well done to all of you - you have each won a £10 Amazon voucher! A special congratulations to Tonima Howlader whose poem impressed us so much that we have also awarded her a copy of Elena Favilli's 'Good Night Stories for Rebel Girls: 100 Tales of Extraordinary Women'. You can read Tonima's poem below.

## The Stems of My Passion

I flourish my petals in hope to cease the end of this pretence.

Requested to have the sweetened and sugar coated fragrance,

The thorns lay blunt and useless by my feigned charms;

Yet, I glaze sorrowfully with my defence at their indirect harm.

When the petals of my wings have wilted, their disgusted gaze only covers their density.

But their glares are only a barrier: frightened of my insanity.

Their words that have once undermined me, yet now, ignite my soul.

Blooming in this defeat, I shall rise from those ashes and become whole.

I won't witness a darkened day again; my ambition compiled into an oath;

Breaking the chains that clutch me to the ridicule of my stunted growth,

I ensure those roots of 'appearance' remain buried beneath the soil.

My mania will be portrayed by my future, leaving them in turmoil.

I collect my withered petals with my resolution with no offer of grace,

Paranoia or not, my persistence is the only reason to chase.

My thorns have gained their sharpness and wit. With the wraith

Of my suffering, the only way to keep my stem standing is with the remedy of faith.

# MULBERRY STEM ACADEMY

IN PARTNERSHIP WITH  MERCEDES-BENZ GRAND PRIX

## Year 10 Robotics

Our Year 10 Mulberry STEM Academy students began their robotics unit this week. They will be using the skills gained from their weekly programming course over the spring to program MicroBit robots using Python and block-based programming. Students are working in groups to design, develop and evaluate a project with their robots. Good luck to all students, and we are looking forward to seeing the final results!



On Monday, parents of Year 7 STEM students were invited to a presentation about the work they're doing on their PyGame Zero project and students were given certificates and STEM Academy goodies to take home.



## Inspiration Woman Spotlight Dr Hawa Abdi



Dr Hawa Abdi was a doctor and human rights activist who safeguarded the lives of tens of thousands of Somalis during years of war, famine and displacement. Dr. Abdi also completed a law degree from the Somali National University in Mogadishu. During the civil war Dr. Abdi was running a small clinic that she opened in 1983 on her family's land to assist women in childbirth and to promote health care for children. As the country disintegrated, Dr. Abdi turned the clinic into a full-fledged hospital, a school and a camp for internally displaced persons. Dr. Abdi trained and hired dozens of doctors and nurses and conducted countless surgeries, delivered babies and removed bullets from those wounded in the war. She also established literacy classes for women and an agricultural project that helped former herders farm their own food. She came to be known as 'Mama Hawa' and her camp as Hawa Abdi Village. Dr. Abdi was nominated for the Nobel Peace Prize in 2012 and awarded an honorary doctorate by Harvard in 2017. Mama Hawa leaves behind a profound legacy that inspires us all.

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>

## MATHS PROBLEM OF THE WEEK

Did you manage to solve the maths problem this week?

$\frac{22}{7}$  and  $\frac{355}{113}$  are common fractional approximations to  $\pi$ .

By using long division, work out as many decimal places as you can of the two fractions.

Submit your working out to Ms Flood and the highest five amount of decimal places will win a prize.

### SOLUTION

$$\frac{22}{7} = 3.142857142857142857 \dots$$

$$\frac{355}{113} = 3.141592920353982300884955752212389 \dots$$