

This Week

NEWS AND INFORMATION FROM YOUR SCHOOL

News this week from the Executive Principal

~ Eid Mubarak to all of our community for Thursday of this week ~

STEM Year 10 and 12

An enormous well done to all students who came in on Saturday for the launch of the onsite Saturday teaching for our Partnership with Formula 1 Grand Prix Ltd. Thanks to all staff who were there to help students with Dr Stuart Mundy who taught Year 12 the EPQ qualification, Ms Montgomerie, Ms Gillott who taught Robotics to Year 10, Ms Wills and Ms Scott

- the students had a great time.
In particular well done to Waliur Khan, Ishraq Maleque, Radid Sarker Hossain, Zahir Mohammed, Md Aman Khan Shahib, Brian Tolnai, Na'Eemah Amannee Tahseen and Rayeed Rana who have got onto the Sutton Trust



Summer School.

It has been so great over the last





few weeks to see so much activity going on with Sports Day and Running clubs - a huge thank you to staff and a big well done to students.

Notices

All students must arrive at school by 8.35am. Any students arriving after 8.40am will be in supervised learning with senior staff.

Thank you,

Mrs Ruth Holden
Executive Principal



Sixth Form Update

This week I wanted to share with all some exciting news with all of our prospective Sixth Form students who will be join us in September. This will take place on Tuesday 6th and Wednesday 7th July and will be open to all of those internal and external candidates who have confirmed their place with us. The two days will be filled with lots of amazing activities including taster sessions, talks and ice breaker activities. We can't wait to see you all and welcome you to the Sixth Form! If you have not confirmed your place yet please email me as soon as possible as we are nearly full!

K. Frankum

Director of Sixth Form



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 different to children's lives and we will acknowledge this. Please visit:

Donate at JustGiving

www.justgiving.com/mulberryschoolstrust



Running with Year 7: the first trail run for the team!

On Monday 10th April a group of enthusiastic, energetic Year 7 students set off to Essex for their first taste of trail running. The beautiful rural setting was a perfect place to start their training and try out some of the tips and techniques that Mr Stokes, Ms Bartlett and Ms Scott taught

















Everyone did really well and enjoyed running through the woodlands. Mr Stokes ended the session by challenging students to a race and then the exhausted runners headed back to school, all looking forward to the next trail running session!



Robotics Saturday Session

MULBERRY STEM ACADEMY

IN PARTNERSHIP WITH STATES MERCEDES-BENZ GRAND PRIX

Our Y10 STEM students started learning to program NAO, Mulberry Academy Shoreditch's newest robot! They transferred many of the skills they learned in their Python programming course to Choregraphe, the platform used for NAO. Aside from learning a new programming language, students practiced a number of valuable skills including debugging, pattern recognition and decomposition. We are all looking forward to this Saturday when students will begin larger scale projects which will ultimately be presented to a number of staff members and students across the trust. Our students impressed us by quickly picking up a brand new language in just one day!













Year 10 Work Experience

On Monday 10th May, 60 Year 10 students took part in a virtual work experience day focusing on Business, Finance and Law which was led by Tower Hamlets.

The students spent the day engaged in a variety of tasks; exploring interview skills, looking at business scenarios and learning about roles within the Business, Finance and Law

Of particular focus was the workshop where students had to work in groups to create an event plan for a large insurance company along with costing hospitality for the 11 hour event and ensuring it did not exceed their allocated budget. We are looking forwards to 2 further days for Y10 focusing on exploring other sectors for their work experience in June.







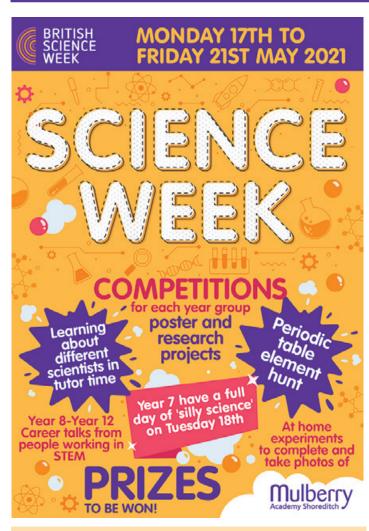






Year 7 **Painting** Lesson

Year 7 art students are learning about colour, mixing powder paints to create a colour wheel of primary and secondary colours.









If you want to research this career further, log in to www.startprofile.com





National areers ervice

Mulberry



Typical hours - 37 to 50 (a week)

You can get into this job through a university course, an apprenticeship or working towards this role.

In order to qualify, you could do a law degree, then complete the postgraduate Legal Practice Course or do a non-law degree followed by the Common Professional Examination or Graduate Diploma in Law

You could do a solicitor degree apprenticeship to qualify as a solicitor. This route usually takes around 5 years and you'll need your employer's support to do it.

You could start with a legal firm and do on-the-job training like the Chartered Institute of Legal Executives (CILEx) Level 6 Professional Diploma in Higher Law and Practice.



Elizabeth Lane

non accointed as a judge in the County Court, and the first female High Court judge in England.

0800 100 900

#AskNationalCareers

Vaccination Reminder

Year 8 and Year 9

HPV2 27th May 2021 @ 9.00am

Year 9

MenACWY and DTP vaccinations Friday 21st of May 2021 @ 9.00am

MATHS PROBLEM OF THE W

Did you manage to solve the maths problem this week?

The standard Fibonacci sequence $1,\,1,\,2,\,3,\,5,\,8,\,13,\,\dots$ begins with two 1s and each later number in the sequence is the sum of the previous two numbers.

Other Fibonacci-like sequences can be constructed by starting with any two numbers a and b, and using the same rule for creating the other numbers in the sequence.

For example - 5, 7, 12, 19, 31, 50,.... or 3, 6, 9, 15, 21, 36, 57,....



Try to write down some other examples yourself.

What is the first term of the Fibonacci-like sequence whose second term is 4 and whose fifth term is 22?

Hint – You could use trial and error with this sequence __, 4, __, _, 22

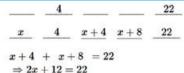
Remember the first two numbers have to add to make the third. The second and third numbers have to add to make the fourth (and so on)



Super challenge – How can you do this with algebra?







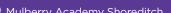
 $\Rightarrow 2x = 10$

 $\Rightarrow x = 5$

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EXAMP 1. The UK and Australia have reciprocal health agreements so you will get emergency medical care if you travel there.
2. In maths, the reciprocal

Give and Take Shared CHARACTERISTICS

Reciproca

1. A reciprocal relationship is

where two people (or groups of people) agree to help each

other by behaving in the same way or by giving each other similar advantages. 2. A reciprocal is what to

multiply a number by to get 1.

SYNONYMS

Reciprocal comes from the Latin 'reciprocus' meaning returning. That might be why the reciprocal of a reciprocal takes you back to where you started!



PLEASE SEE THE











MULBERRY ACADEMY