



KING'S MATHS SCHOOL

AUTUMN TERM 2021

Action-packed fun

What an exhilarating term it's been! It was fantastic to welcome our new Y12s. Watching our thoughtful Y13s helping with inductions and tours was heart-warming. There has been an abundance of trips ranging from a Treasure Hunt across the city (photo above) to the theatre (bottom right, The Globe). We also enjoyed two action-packed Bushcraft weekends and hosted a Parents and Carers Curry Evening, both kindly funded by the Friends of KCLMS charity. We were honoured to have visits from Professor Kapur, President and Principal of King's College London, and Baroness Barran MBE.

Over 650 students sat the Sept 2022 entry admissions test at the ExCel centre. Bravo to Defne, Andrei, Q, Lola and Dev who helped produce and feature in our "top tips" videos to demystify the admissions exam for prospective students. They are stars of the future!

Food for thought

It is such a privilege to hear our students' voices on important, cultural and historical matters. Their activism and self-awareness is inspiring. We had some thought-provoking student-led assemblies. Qays and Kareem spoke about the number systems of the Yoruba people and the feats of the ancient Egyptians for Black History Month. Educate and Celebrate explained the flags of Pride. Ved in Y12 discussed Diwali, and another group focused on COP26. The King's Kabaret talent show was electrifying. In addition, Mr Galbiati discussed the impact of Fascism. Mr Pereira showed us his striking photography from the Black Lives Matter marches.

A moment's pause

Our new Pause afternoons have been a hit. There's been so much on offer: crosswords, meditation, folk singing, painting (right), a visit to Tate Britain and more. Relaxing, fun, and cultural too! Ideal for our mental health and well-being.

Outreach expansion

KCLMS has boosted its outreach team to expand its support for high-attaining students from groups currently under-represented in the mathematical sciences. Key hires include Tiffany Woods-Shepherd in the newly created role of Director of Outreach and Widening Participation, and Robert Wilne who has joined us as Lead Teacher of Outreach. Tiffany and Robert are highly experienced practitioners and we are thrilled to welcome them. We have so many exciting outreach plans and have already launched a range of new activities this term. Thank you to our partner XTX Markets for the amazing support that has enabled this expanded staffing and activity.





Left: Y12s enjoying the scenic surroundings of the Bushcraft trip. Right: Mini Marathon sporting success.

The Wellbeing Award

KCLMS is currently working towards the Wellbeing Award for Schools, a framework to ensure that emotional wellbeing and mental health are central to our community. It is important that all stakeholders are involved in our strategy for this award, from parents/carers and students to staff and governors. If any parent/carer or student would like to join the 'Change Team', to share ideas about how to have a positive impact and/or to work with the school on implementing change, please email Ms Kettleborough: nora.kettleborough@kcl.ac.uk

Competition time

Bravo to our students who took part in the Senior Mathematical Challenge in November. They achieved some of our best ever results. Nearly 60% earned a Gold Certificate and 21 qualified for the British Mathematical Olympiad. Special congrats to Sarp, Thomas, Jamie, Owen and Beni who achieved full marks in the paper.

King 's Kulture

Thanks to the support of the Friends of KCLMS, we have organised over a dozen cultural experiences through the fantastic King's Kulture programme. From art-house films at the BFI to lectures at the Royal Institution, from world music at the Southbank to international football at Wembley, it's been enthralling. 79% of students have participated so far. Our aim is to ensure that every student takes advantage of London's rich cultural offerings. One student joyfully captured the essence of the England vs Albania match: "The atmosphere and the surreal feeling of watching a match with friends! Witnessing the crowds and the cheers was amazing."

Mini marathon

KCLMS had a blast with its inaugural mini marathon in Archbishop's Park (photo top right). Students either moved for 2.6 miles or for 30 minutes. This was part of the official London Mini-Marathon. Mission: to stay active, have fun and build house spirit. Well done team.

We are trailblazers

We are very proud to have been awarded *State Sixth Form College of the Decade* by the Sunday Times School Guide. This is a testament to our innovative, dedicated and hard-working students, teachers, staff and governors. The editor noted, "KCLMS has changed the face of sixth form education, blazing a trail that others are now so keen to follow. Its results are anything but routine". A huge thank you to everyone who has supported us in our journey.

WEEKLY MATHS CHALLENGE

Probably Divisible

n is a positive integer less than 1000. n has the property that if a value m is chosen at random from the integers 1, 2, 3, 4, ..., 999, 1000, the probability that m is a factor of n is $1/200$. What is the largest possible value for n ?