



# KING'S MATHS SCHOOL

SPRING TERM 2024

## Exciting times

There's been lots to celebrate this last term including seeing such a big turn out of parents and carers at our bingo evening. Thank you to the Friends of KCLMS for sponsoring it. Bravo to our students who helped with decorating, hosting and cleaning up. Twenty-five students, three teachers and a few parents and grandparents took part in a running race in Battersea Park with distances ranging from 5k all the way up to a half marathon. Kudos to the Friends of KCLMS for funding our attendance, and congrats to everyone who participated. Watch this space for the next running event, which will take place in the summer term. Our King's Kulture programme is thriving. Generously funded by the Friends, students have seen show-stopping performances free of charge including Phantom of the Opera and an award-winning play at the Royal Court Theatre about Black masculinity and Black life in Britain.

## Pause

During our latest Pause programme, which coincided with Culture Week, students explored different pursuits including karaoke, watercolour painting, word art and quiet reading. A tour of the Museum of Life Sciences was a big hit. The King's College London museum, which brings together historic biological and pharmaceutical collections from various departments, offered a rare opportunity to see materials that are not easily accessible to the public. A visit to the Saatchi Gallery to see photographer Edward Burtynsky's work was thought-provoking. One student noted, "As someone who does not usually see the appeal in galleries, I found this exhibition to be a unique, eye-opening experience."

## King's Konzert

We were blown away by our staff and students' remarkable musical and oratory skills in the King's Konzert. It was wonderful to see parents and carers attend the show. Congratulations to our talented performers.

## Hitting the mark

KCLMS continues to score high in competitions. We had another best-ever set of results in the UK Maths Trust's British Mathematical Olympiad Round 2. Students earned a whopping 6 Distinctions and 4 Merits (last year it was 4 and 3). Bravo to Year 13 Ryan B who was again our top performer and Adem for Year 12. With the Senior Physics Challenge for Year 12 and Round 2 of the British Physics Olympiad (BPhO) and also the British Astronomy and Astrophysics Olympiad (BAAO) for Year 13, it has been a busy term of problem-solving. Congratulations to Yosif and Joan Pau for achieving Gold in the BPhO Round 2 and to Sofia H for achieving our highest Silver in the BAAO Round 2. Sofia has been selected to train in the Easter Astronomy Camp at the University of Oxford, following in the footsteps of alum Charlotte Stevenson. The camp comprises five days of lectures, tutorials and practical sessions as the team for the International Olympiad is selected.



Left: Mx Yang in the King's Konzert. Above: Students wear purple for IWD. Right: The Royal Court Theatre.

## WeSpeak programme

Nine students took part in the 4-week programme, WeSpeak. Designed to boost the confidence and skills of Year 12 students, this online public speaking training course is supported by industry-experts and mentors from organisations such as Google and Just Eat. Each week participants deliver a short talk and finish the programme by delivering a speech to a small audience.

## Speakers

We were fortunate to have a range of fantastic speakers. Year 13s had a CV writing and interview skills session with recruitment expert Milly Parrott from Man Group. Yash Panjabi from Man Group spoke about his career in financial services. Thanks to Maria Asemah from the same company who discussed internships. We also had internship talks from ZOE, a health science company, and Garrison, a cyber security firm. KCLMS alumni Khalid Ali and Marcus Ikpase, who now work for ZOE and Garrison respectively, spoke to students about their career journeys.

## Outreach

KCLMS and Surrey Maths School have been delighted to offer free, online CPD sessions for teachers of Physics A level. It is vital that we play a role in increasing engagement in Physics and challenge high-attainers. We will soon welcome 160 Year 11 students from across London for our REVISION+ Easter School. This is a phenomenal free programme for students aiming for a top grade in their GCSE.

## Inter-house events

There's been a flurry of inter-house events from University Challenge to Film Festiva II, our annual short film competition. Bravo to our filmmakers, particularly Jolnar, Yuri and Uygur for their brilliantly fun fiction *The Hunger*, and to Laurie for her heartfelt documentary *Peckham Vlog*. Everyone was on the edge of their seats during the thrilling University Challenge final. In the end, Ramanujan secured victory over Langlands. Mr Collier, the host, and his mother have actually been joint contestants on the BBC show itself!

## International Women's Day

KCLMS marked International Women's Day (IWD) by honouring remarkable women in history and the present. Feminist Society helped us celebrate in various ways including a lunch time origami flower craft session inspired by Eastern European IWD traditions where people give flowers to the women in their lives. There was also a letterbox to deliver messages to an inspiring woman in our community. In addition, students wore purple, the colour of justice. There were posters of successful women in STEM around the school and also a dedicated assembly.

## WEEKLY MATHS CHALLENGE

Nine cards, numbered with the integers from 1 to 9, are split at random into three piles each of three cards.

The total of the card numbers in each pile is calculated.

Find the probability that exactly two of the piles have the same total.