



KING'S MATHS SCHOOL

SUMMER TERM NEWSLETTER



Summer Term 2025



Kings Certificate

Congratulations to our amazing Y12 students, for completing the King's Certificate. Our students gathered at King's College London, for a celebratory day, to present their incredible research to friends, family and mentors. The challenging research projects, guided by industry professionals and academics, covered topics from the future of AI, to sustainability in policy, 3D modelling, encryption and more. Attendees were impressed and inspired by the high level of thinking and creativity on show throughout the day, concluding another successful milestone for our Y12s. A huge thank you to the mentors for their support.

Guest speakers

The students enjoyed several excellent speakers and visits throughout the year. Highlights included a trip with Surrey Maths School to meet Helen Sharma the first British person who went to Space. Other speakers this term included Craig Poku who presented on how to combine a love for creativity with Maths and Robin Wilson who spoke about combinatorics.

Wrapping up the Class of 2025

In addition to excellent academic performance throughout the year, with A level results just around the corner, our Y13s finished the year with a bang hosting a lovely end of year assembly for friends and family. Students demonstrated skills beyond maths and physics, with impressive musical performances and poetry recitals. Throughout the year they have completed many important milestones and activities. These include the EPQ completions, performances at the Kings Konzert and Distinctions and Merits in the Senior Kangaroo and The British Mathematical Olympiad Round 2.

Weekly maths challenge!

What can you prove about this expression?

$$1^n - 2^n + 3^n - 4^n + 5^n - 6^n + 7^n - 8^n + 9^n$$

Send in your solutions to weeklymaths@kcl.ac.uk



Summer Term 2025



Lake District — Hike & Study

A group of Y12 students went to Grasmere to work and play in equal measure whilst prioritising a healthy lifestyle. The weather was challenging but the students' spirit remained positive. A great way to build life-long study skills in preparation for the internal end of year exams and create revision plans. Students fed back that the outdoors were refreshing, and coupling the physical exercise with the mental exhaustion of studying meant a better ability to rest at the end of the day.

Kings Kulture

The Kings Kulture programme this year has ranged from Shostakovich, Stravinsky and Mahler to a performance of Hamilton in the West End. Students have also had the opportunity to enjoy spoken word poetry by Jay Bernard and other theatrical performances at the National Theatre and the Royal Court. A highlight for many was going to see the Arsenal women's team play against Real Madrid at the Emirates Stadium. Thank you to the Friends of KCLMS for making this possible.

Annual KCLMS Integration Bee

The annual KCLMS Integration Bee was held on May 14th. Similar to a spelling bee, this is a time pressured maths contest in which students in house teams solve increasingly challenging integrals. Four-person teams from each house competed over a relay round, a battle round and a group round to solve some really challenging integrals. There was a great audience turnout from Y12, Y13 and staff to see Mirzakhani emerge victorious. Thank you to everyone who took part and our amazing judges, and congratulations to the winning team of Anthony, Daniel, Alex and Alex!

Orbyts Physics Competition

A group of 25 Year 12 students represented KCLMS at the UCL Orbyts Conference, following months of mentorship by a research fellow. Some students delivered a detailed presentation on the use of magnetic levitation to try to detect dark matter in the auditorium, while others presented posters they had designed to the conference hall.



Summer Term 2025



Careers, careers, careers!

This term, we hosted a number of fascinating careers events. This included the Launchpad Entrepreneurial Workshop, where experts from outside of the school came in to teach our students how to do business style pitches—with live practice, like Dragon's Den! We also held our first ever inter-maths school careers fair. 230 students from 4 U-Maths schools gathered at KCLMS where 44 STEM careers specialists gave careers advice tailored to the maths-specialist context. This included engineers, data scientists, physicists, university students and many more.

Welcoming back our alumni

We had two fantastic alumni events this term, where we invited back students that have been at our school since its inception. The events were brilliant, with over 300 alumni attending. Our ex-students shared their success stories, conducted successful networking and discussed future career and mentorship opportunities. Our current students were also able to connect with previous alumni, in order to learn about the paths and options available to them when they graduate.

Thank you, from our Headteacher

As the summer approaches, we look forward to celebrating the excellent A level results for our students, who we are incredibly proud of. Our outreach programmes continue to run successfully, improving accessibility to mathematics for students in our local area. We look forward to welcoming a new class of bright students this September and, further ahead, to increasing the number of students in the 2026 intake through the long awaited expansion of our school. We would like to thank our sponsor, KCL, our generous donors, mentors, sponsors, supporters, parents and carers and not least teachers and students for another lovely term.

Have a well deserved break.

