



# KING'S MATHS SCHOOL

## SUMMER TERM 2021

### Celebrating success

Our students have celebrated great success this summer in their A level results despite the interruption to their education over the last 18 months. 78% of grades were A\*s, and 94% were A or better. 59% of students attained straight A\*s. We are thrilled that more than 25% of leavers are going to Oxbridge, with all others progressing to highly competitive programmes.

These achievements are emblematic of a resilient cohort. Class of 2021: big congrats. You overcame many challenges. You responded with dignity and strength and we are sure that you will not stop there. We were also most impressed by the Year 12s' professional presentations for their King's Certificate (see photo next page). Taking months of preparation, this is a big collaborative research-based project between students and industry and academic partners. Bravo all!

### Thank you XTX

The Curriculum+ programme, which enables Year 13s to pursue optional courses over the summer, continues to soar in popularity. There have been some great maths extension opportunities and courses such as Cryptography and Paradoxes. More than two-thirds of Y13s signed up for at least one course. We are proud to offer a challenging education that breaks boundaries by going above and beyond the confines of the curriculum and content required for examinations. We are grateful to our corporate partner XTX Markets for all the ways in which they generously support us especially with our super-curricular programmes.

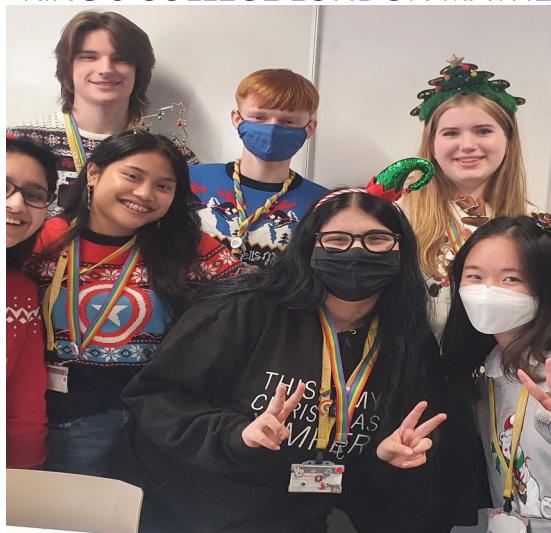
### Culture Day

Students and staff had a blast celebrating Culture Day which comprised a fun range of activities including origami, Irish dancing and various arts workshops. We were dazzled by our students' origami creations (to the right). Stunning!

### Outreach milestones

KCLMS is deeply committed to supporting young people from under-represented backgrounds. We have been delighted by the take-up of our outreach schemes. This summer around 40 students from Years 7 and 8 took part in the King's Maths Circle programme. Over 130 students participated in Y11 BRIDGE FM whilst our PHYSICS+ summer school had almost 100 students. We loved welcoming back alumni Nibs and Nabihah who spoke to the Year 11s about A-levels, their love of Physics and experience of undergraduate study. It was great to have lecturers from King's College London discussing particle physics and gravitational waves. The Year 11s also visited the Science Museum.





Charity drive success (left). Jevon (right) and Daniel (left) on the King's Certificate Presentation Day.

## The Wellbeing Award

Just as we have physical health, we all have mental health too. KCLMS is seeking to secure the Wellbeing Award for Schools. The reputable award ensures that robust practices and provisions are in place to promote emotional wellbeing and mental health. It aims to change the culture of schools, whereby mental health is seen as the responsibility of all. Attaining this accolade will help us deliver staff and pupil wellbeing and review training and policies. This will be a detailed project involving an evidence-based framework. Thanks to the parents and carers who answered the wellbeing survey. If you would like to know more, please email Ms Kettleborough, Asst Head: [nora.kettleborough@kcl.ac.uk](mailto:nora.kettleborough@kcl.ac.uk)

## New Pride logo

In honour of Pride Month we launched a new rainbow-clad logo in support of LGBTQ+ rights. Check out the gorgeous logo and colours on the previous page (bottom right).

## MathemAgora

In Ancient Greece the agora was the marketplace, where people would chat, eat and shop, and then sit down and discuss ideas and philosophy. At KCLMS we have had our equivalent: the virtual MathemAgora. In July we hosted a very successful online festival of maths comprising eight talks featuring an eclectic range of speakers including lecturers, statisticians, maths education experts, and authors. Hundreds of participants from across the UK from diverse backgrounds and age groups joined us on Zoom to listen in and view this inaugural event. This was a brand new outreach project for us and we hope to do many more in the future.

## Charity drive

A Christmas jumper fundraiser in May? Of course! Students raised awareness and funds for the humanitarian crises in Yemen and Palestine. Save the Children in Yemen and Physicians Across Continents in Palestine were the two chosen charities.

## Friends of KCLMS

The Friends of KCLMS is a registered charity funding pastoral and learning mentor support for students. It also sponsors school activities, including the Y13 trip to Bushcraft Penshurst and Bingo and Curry evenings. We are planning a Fund for the Future so that students continue to benefit from our support. All parents, carers and staff are welcome to get involved. If you are interested in contributing or have an idea that you would like the charity to sponsor, please get in touch with Page Starr: [page@pagestarr.net](mailto:page@pagestarr.net). We will contact parents and carers soon with further information. We hope you join us on our journey!

## WEEKLY MATHS CHALLENGE

Find four prime factors of  $3^{24} - 2^{16}$ .

No calculators!