

The logo for King's College London is displayed in a vertical banner. The top half is red with the text 'KING'S College LONDON' in white, serif font. The bottom half is yellow with the text 'KING'S MATHS SCHOOL' in black, bold, sans-serif font.

KING'S
College
LONDON

KING'S
MATHS
SCHOOL

Teacher of Outreach

King's College London Mathematics School

- 1 year fixed-term
- Part or full-time (0.6-1.0FTE)
- Start date 1 September 2026.
- Full-time salary £40,316 - £52,299 depending on experience

Job pack contents:

- Application procedure
- Information about King's College London Mathematics School, and the post;
- Job description;
- Person specification.

Application Procedure

Should you wish to apply for this position please send the following:

- A completed application form, and
- An Equality and Diversity reporting form

Links to these documents can be found on our website.

You may include a curriculum vitae and/or covering letter as well as, but not in place of, the application form.

Applications should be made electronically in Word or PDF format by email to kclmsvacancies@kcl.ac.uk. Enquiries may be made to Elliot Francis-Hewett, acting Director of Outreach, using the same email address.

Closing date: 09:00 on Monday 16 March 2026

Interviews will be held in the week commencing 23 March 2026.

Please advise your referees that they may be contacted and asked to provide a reference at short notice.

King's College London Mathematics School (KCLMS)

<https://www.kingsmathsschool.com/>

King's College London Mathematics School is for students with a particular aptitude and enthusiasm for mathematics, and aims to widen participation in mathematical degrees and careers at the very best institutions. The state-funded school was opened in September 2014 by King's College London, and since then its students have consistently achieved unparalleled attainment and progress through A Level results that have established the school as the top performing school in the country. Following the school's success, maths schools are now being opened by universities across the UK. The school was recently awarded State Sixth Form School of the Decade by The Sunday Times.

Outreach

Outreach is a fundamental part of life at KCLMS. We offer year-round maths, physics and computer science enrichment to students from disadvantaged backgrounds and groups traditionally under-represented in mathematical sciences thanks to generous donations to the school. Every teacher contributes to the programme by running a weekly after-school club and every member of staff is involved in the week-long summer schools that we run in the summer term both at KCLMS and at KCL. We are a delivery partner for Axiom Maths and share their vision to reduce the number of students from low-income backgrounds who perform highly at KS2 but don't go on to perform well at GCSE. We also work with teachers to provide professional development around the teaching of Mathematics, Physics and Further Mathematics A Levels.

The school's curriculum

Our aim for the curriculum is for it to not only ensure excellent progress and attainment at A-level, but also to prepare students for successful further study and careers in the mathematical sciences.

All students at the school take Mathematics, Further Mathematics and Physics to A-level, and either Computer Science or Economics to AS-level. They also take part in an extended curriculum that develops research, independence, literacy and communication skills, and that encourages the development of interests and of a healthy lifestyle. The school's educational ethos involves supporting students' future fulfilment by enabling confident self-expression both within and without our curriculum.

Students are prepared throughout their time at the school for the most challenging qualifications at sixth form level. They are also prepared to enter the many individual challenges and team competitions that are available in mathematics, physics and computer science.

The link to King's College London

King's College London is one of the top 10 universities in Europe (*Times Higher Education World University Rankings 2023*) and the fourth oldest in England. It is the sponsoring organisation for KCLMS, and the university maintains strong strategic and operational links with the school. Strategic oversight is provided by the university through the school's governance structures, and academics from the faculty of Natural, Mathematical and Engineering Sciences interact with KCLMS students by teaching extension programmes and mentoring groups of students working on extended research projects.

Site and Size

The school is located on Lambeth Walk, near to the Imperial War Museum and a short walk from King's College London's Waterloo campus. The school has 150 students split between year 12 and year 13.

Admissions Policy

KCLMS operates a selective admissions process. The key entry requirements are:

- A threshold score in a mathematical entry test set by KCLMS;
- A successful interview in which the school will further assess applicants' ability to benefit from the experience of attending a specialist mathematics school.

The school is committed to recruiting a significant proportion of students from socially and financially disadvantaged backgrounds, and to an outreach programme to further this objective.

Why work for King's Maths School?

At King's Maths School we are proud to be an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. Benefits include:

- Being part of a small, knowledgeable, and fun team.
- The opportunity to work with young people who are deeply curious, focused, and ambitious.
- A highly collaborative work ethos including weekly group lesson planning.
- A progressive staff wellbeing policy that includes access to an in-school counsellor.
- Better than industry standard family leave benefits, including for adoption and surrogacy.
- Up to 3 flexible holidays days per year that can be used during term-time to go to events or opportunities that would otherwise be difficult for teachers to attend.
- More holiday allowance than other state schools.
- A later start, with lessons commencing at 09:15.
- A cycle to work scheme (we have staff changing and shower facilities on site), educational discount at the Apple Store, access to King's College London's research, learning and prayer facilities, and subsidised KCL gym use.
- Opportunities to attend a range of cultural events for free as part of our cultural programme, including theatre shows, orchestra performances, sporting events, art galleries and museums.
- A bean to cup coffee machine – we know the importance of good coffee!

Teacher of Outreach and Mathematics

The school is seeking to appoint a passionate and inspirational teacher whose primary role will be to support the outreach work of the school, helping to inspire and challenge high-attaining students to go further in mathematical subjects. This is a new role within the school so there is some flexibility over the job role depending on the skills and interests of the successful applicant. The post may be either part-time or full-time, ranging from 0.6 to 1.0 FTE (full-time equivalent), i.e. 3-5 days per week. Candidates are asked to state their preference or range of flexibility in the application form.

Mathematics lies at the core of everything that takes place at King's College London Mathematics School; it is the passion that unites teachers and students alike, and it represents a way of thinking and creating that empowers and enriches all the different aspects of the school curriculum. Teachers focus on the use of Socratic questioning to test and develop understanding, on carefully structured problems to provide effective learning experiences for students, and on the frequent use of the whiteboards that surround all our classrooms to develop a culture of collaborative enterprise.

The same is true of our outreach. We encourage and celebrate adventurous exploration of mathematical ideas, collaboration between students, sharing of ideas and development of a range of problem-solving approaches. Through our programmes, students begin to identify as and think like a mathematician or scientist rather than simply to be someone who does maths and science.

The successful candidate will be able to convey enthusiasm about mathematics. They may already have a proven record of outstanding teaching, or they may be new to the profession, in which case they would be supported by the school's thorough mentoring programme. A vital qualification will be that they share the vision of the school to help young people with a particular aptitude for mathematics find stretch and excitement in a curriculum that fosters intellectual growth and curiosity.

The post will commence from 1 September 2026.

Job description

Post title	Teacher of Outreach
Responsible to	Director of Outreach and Widening Participation

Role outline

The primary role of the Teacher of Outreach will be to teach maths to external students on our outreach programmes at KCLMS. This will include running maths clubs, providing cover or engaging in quality assurance tasks on Monday and Thursday evenings from 4:30-6:30pm, teaching on our week-long, term-time summer school and providing mock interviews and test feedback to students from low socio-economic backgrounds during the admissions process. An important attribute will be the ability to ensure visiting students feel welcomed and included as well as enthused about mathematics.

The appointed candidate will also teach KCLMS students as part of the maths department.

Depending on the skills, interests and experience of the appointed applicant and their availability, the appointed candidate may also visit other schools to provide maths enrichment to 11-16 year olds or will work with teachers and departments in local schools to provide support with further maths teaching to stretch and challenge high-attaining students.

As a new role in the school, we are primarily looking for someone with the ability to connect with students from a wide range of backgrounds, to communicate mathematics effectively and in an engaging way, and who can support the widening participation goals of the school.

Summary responsibilities and Activities

As an Outreach Teacher

- To attend both Monday and Thursday outreach sessions each week, either to run two clubs or to run one club and provide quality assurance and/or cover on the second evening.
- To support the Director of Outreach and Widening Participation by providing mock admissions test feedback and mock interviews to school applicants from low socioeconomic backgrounds.
- To support the Lead Teacher (Outreach) to refine resources used in our outreach programmes.
- To support the planning and to teach on the KCLMS summer school which occurs in the final week of term.
- To work with the Director of Outreach and Lead Teacher (Outreach) to identify local schools or teachers wanting support and to develop and deliver such support in the form of KS2/3/4 clubs, training for older students to run clubs for younger students, teacher mentoring or CPD, or departmental CPD.

As a Mathematics Teacher:

- To support the school in developing an inventive approach to teaching, learning and assessment in mathematics so that all students are challenged effectively and enabled not simply to get high grades but also to gain an excellent understanding of the subject which propels them into successful further study.
- To teach mathematics to KCLMS students, maintaining outstanding standards of teaching and learning.
- To prepare appropriate resources for lessons and provide academic support for students in and

out of their lessons

- To provide feedback on students' progress to the school, to parents/carers and to students themselves; to provide or contribute to written assessments, reports and references relating to individual students and groups of students.
- To participate fully in the learning community of KCLMS teachers, for example by regularly observing colleagues and welcoming observations in return, by contributing enthusiastically to discussions around teaching and learning.

As a tutor:

- To take responsibility for the care, guidance and support and the academic monitoring of a tutorial group, to include tracking and reporting on students' attendance and their academic, social and personal development.

As a member of staff:

- To contribute to a programme of after-school and lunchtime academic enrichment and co-curricular activities, which may sometimes require reasonable evening or weekend commitments, some of which will be offsite.
- To participate in recruitment events such as Open Evenings, Taster Days and Interview Days, some of which take place on weekday evenings or at weekends; to lead or assist offsite trips and visits
- To contribute to the establishment and maintenance of a caring, positive, safe and stimulating environment for each student at KCLMS.
- To provide cover for absent colleagues, and participate in arrangements for students' supervision during public examinations.
- To undertake any other duties which may be reasonably required by Senior Leaders.

Person specification

Eligibility to work in the United Kingdom

The advertising of this post has not been compliant with UKBA guidelines for candidates who need to apply for a Certificate of Sponsorship to work in the UK.

We don't want potential candidates to be put off if they believe they do not meet every one of the criteria as described in a job description. We are most interested in finding the best candidate for the job, and that candidate may be one who comes from a less traditional background. **We would encourage you to apply, even if you don't believe you meet every one of our criteria described.**

Criteria	E S S E N T I A L	D E S I R A B L E	HOW IDENTIFIED AND ASSESSED AP Application I Interview R References TL Taught Lesson
Education/qualification and training			
Excellent grades at A-Level or equivalent qualifications	X		AP
Good honours degree in Mathematics, Physics or a closely related subject	X		AP
Qualified Teacher Status		X	AP
PGCE		X	AP
Experience			
Experience of teaching enrichment maths to engage and enthuse learners		X	
Recent teaching experience of mathematics to high-attaining KS3-4 students		X	AP, TL, R
Recent teaching experience of mathematics to high-attaining students aged 16-19		X	AP, TL, R
Supporting teaching development, such as through ECT mentoring or running CPD		X	AP,
AS and A2 level Mathematics and Further Mathematics teaching		X	AP, TL, R
Preparing students for university entrance in Mathematics and/or Physics, including supporting UCAS applications		X	AP, I
Preparing students for extension papers (STEP, MAT, PAT, AEA, Olympiads and challenges)		X	AP, I
Care, guidance and support as a pastoral tutor in a school		X	AP, I, R
Knowledge/skills			
Precise and analytical self-reflection	X		I, TL
The depth of knowledge and the mental agility to allow flexibility in lessons	X		I, TL
Ability to quickly create effective rapport and a constructive relationship with students	X		TL

Excellent communication skills, both written and verbal	X		AP, I
Excellent organisational skills, including keen attention to detail	X		AP, I
Excellent IT skills, including the ability to learn new systems quickly and use them intelligently and flexibly	X		AP, I
Knowledge of the needs of SEN(D) learners, in particular learners with high-functioning Autism / Aspergers		X	AP, I
Personal characteristics/other requirements			
Commitment to the educational vision and the mission of King's College London Mathematics School	X		AP, I
Profound and continuing interest in the subject(s) to be taught	X		AP, I
Profound and continuing interest in learning, teaching and assessment	X		AP, I
Commitment to own self-development	X		AP, I
Capacity to take initiative and to innovate	X		AP, I
Ability to lead and to enthuse others	X		AP, I
Ability to work constructively with others inside and outside the school	X		AP, I
Integrity and reliability	X		AP, I

Safeguarding

King's College London Mathematics School is committed to safeguarding the welfare and well-being of children and applicants must be willing to undergo child protection screening appropriate to this post, including checks with past employers and the Disclosure and Barring Service.

Equal opportunities

Our staff are amazing – they inspire students, have great ideas, and help make King's Maths School a fantastic place to work. We are committed to ensuring that we are always recruiting, retaining, and promoting a diverse mix of colleagues because we know that for our students to succeed they need a staff body with a broad range of ideas, skills, and experiences.

Applicants with disabilities

King's College London Mathematics School is keen to increase the number of disabled people it employs. We therefore encourage applications from individuals with a disability who are able to carry out the duties of the post. If you have special needs in relation to your application, please contact the Business Manager, Tanya Waddingham, by emailing kclmsbusinessmanager@kcl.ac.uk.

Thank you for your interest in King's College London Mathematics School.