

Academic Mentor (Maths and/or Physics)

King's College London Maths School (KCLMS, King's Maths School) is seeking to appoint an enthusiastic tutor to provide weekly mentoring for a student with SEND in A Level Physics and A Level Maths & Further Maths.

Salary: £25-£50/hr depending on experience and qualifications

Hours: 2hrs/week A Level Maths&Further Maths, 2hrs/week A Level Physics

Start date: As soon as possible.

Contract type: Fixed-term

Closing date: 12pm Friday 31 January 2025.

Interviews to be held as applications are received.

About the school

Recently awarded Sixth Form College of the Year 2025 and rated Outstanding by Ofsted, King's Maths School provides a welcoming and inclusive environment for pupils with an aptitude and enthusiasm for mathematics. We have two core aims:

- Provide an engaging and challenging learning experience that stretches students beyond the bounds of the A Level curriculum, preparing them to thrive in maths-related degrees and careers.
- Widen participation from under-represented groups in mathematical sciences, offering free outreach activities that encourage students towards further study in mathematical fields.



The curriculum

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.

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 2024) 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 the King's Waterloo campus. The school has 150 students split between year 12 and year 13. The success of the school has allowed it to secure funding for expansion and a building project is expected to be completed by September 2026. This will allow 50% more students to benefit from attending King's Maths School as well as for the school to expand

Outreach

King's College London Mathematics School aims to be a centre of excellence for the teaching of mathematics and its applications. The school supports high-attaining students across London, and in particular those who come from more challenging backgrounds, to develop their mathematical skillset, and also works with teachers to provide professional development around the teaching of Mathematics, Physics and Further Mathematics A Levels.

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.
- Working with some of the brightest young students from across London.
- A bean to cup coffee machine – we know the importance of good coffee!

The role

The school is seeking to appoint reliable, enthusiastic and capable individuals to support a student with their academic work in Maths and/or Physics. This could be an applicant for each subject or one applicant for both subjects.

The appointed candidate(s) will run a ninety-minute weekly meeting per subject to go through recent work with the student and to ensure that the student has picked up key ideas from recent classroom-based learning. Ideally, the Maths support would happen between 9:15 and 11:00am on Mondays and the Physics support would happen between 2:30 and 4:15pm on Thursdays.

This post would suit undergraduates with confident understanding of A Level Further Maths and/or Physics content or more experienced tutors. You would work with passionate staff and teachers and be part of the team delivering one of the most exciting and successful educational visions in the UK!

The post will commence as soon as possible after 13 January 2025, continuing in term time only until 23 May 2025.

Job Description

Title: Academic Mentor

Responsible to: Learning Mentor

Role outline: To support a student in their learning of A Level Maths/Physics through a weekly tutoring session.

Responsibilities and activities:

As Academic Mentor

- Meet the student weekly to review recent work and check understanding
- Liaise with classroom teachers of the student regarding outstanding work
- Provide support to the student to complete any outstanding work.
- Report back as necessary to the relevant teacher/leaders at KCLMS

General Responsibilities

- Contribute to the establishment and maintenance of a caring, positive, safe and stimulating environment for all students and prioritise at all times their safety and well-being.
- Demonstrate a commitment to the vision of the school, including our aim to provide opportunities to all regardless of background.
- Prioritise at all times the safety and wellbeing of the students by following the Welfare & Safeguarding policies.
- Comply with all school policies.
- Maintain confidentiality of staff and student/family information.
- Demonstrate a commitment to equal opportunities, and to the promotion and safeguarding of the welfare of students and staff at the school.

Person Specification

Criteria	Essential	Desirable	How identified and assessed A (application) I (interview) R (references)
Education/qualifications/training			
Good standard of formal education, including passes in English and Maths at GCSE or equivalent	X		A
Strong understanding of A Level Maths and Further Maths and/or A Level Physics content, as appropriate for the role applied for.	X		A,I,R
Experience			
Tutoring		X	A,I
Teaching/Working with students with SEND		X	A,I
Teaching/Working with students to achieve A* grades in Maths/FM/Physics		X	A,I
Knowledge/Skills			
Excellent written communication skills, with a high standard of English	X		A,I,R
Excellent interpersonal skills with the ability to communicate clearly and appropriately	X		A,I,R
Excellent organisational skills, including keen attention to detail	X		A,I,R
Personal Characteristics			
Proactive in approach to work, taking initiative on duties	X		A,I,R
Ability to work constructively with others inside and outside the school	X		A,I,R
Integrity and reliability	X		A,I,R
Understands the need for data confidentiality, and how to keep data secure.	X		A,I
Commitment to safeguarding and promoting the welfare of children and vulnerable adults in School	X		I,R

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 Deputy Head, Tom Collins, by emailing Tom.Collins@kcl.ac.uk

Application Procedure

Should you wish to apply for this position please send a CV and covering letter to Head Teacher, Timothy Bateup using the email address kclmsvacancies@kcl.ac.uk

The covering letter should outline briefly your interest in the role and what experience or skills make you a suitable candidate for the role.

Please make clear whether you are applying for a role as a Maths mentor, a Physics mentor or both.

Closing date: 12pm on Friday 31 January 2025

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