

Teacher of Mathematics

The Schools of King Edward in Birmingham are seeking to appoint a permanent full-time Teacher of Mathematics to teach across the full age range from September 2026. It is an opportunity to join a strong, enthusiastic, very supportive and friendly department in an exceptional school. The successful candidate will also have the skills and experience to teach Computer Science and/or Physics to GCSE level. They will primarily teach and be based at King Edward's School, with some teaching at our High School for Girls, which is located on the same campus.

We welcome applications from people of all backgrounds and no experience of working in the independent sector is required. A willingness to participate in the wider life of the school with pastoral care duties and help with co-curricular activities is essential. While this role is advertised as full-time, part-time applications may be considered for the right candidate.

The Mathematics Department

There is a rich tradition at King Edward's School for celebrating the problem-solving skills of Mathematicians in many ways, be it within a classroom, thriving in wider challenges within the UKMT, or developing a steady flow of students who leave to study Mathematics or Mathematically centred courses at the world's most exciting and prestigious institutions.

We are a department who love teaching Mathematics in a school of boys who love learning it, making for an exciting working atmosphere, where colleagues work collaboratively on developing the formidable skills of pupils whose enjoyment of being challenged frequently matches our own.

We have a Head of Faculty who line manages three Heads of Mathematics, who design and run programmes in the lower, middle and upper schools, meaning thorough and detailed resources are prepared with elements that branch across a boy's programme of learning, through which we track, support and encourage when needed. The spine of teacher resources (with some common assessments) is provided, but we have a variety of teaching styles between colleagues and believe that boys benefit from experiencing this range: there is no expectation that specific lessons should be taught in specific ways. We seek to recruit dynamic and original teachers who carve their own path to becoming an excellent teacher at King Edward's School.

In the lower school, Year 7 are taught in forms but in Years 8 and 9 they are set with increasing refinements to greater complement their most suitable rates of learning. The setting is not algorithmic and pupils in "lower" KES sets will go on to high achievement: our aim is to complement boys' various methods of developing. There is support provided for boys who struggle in Year 7, as well as extension puzzles for those who quickly show the desire and aptitude. In Years 10 and 11, boys are taught Edexcel IGCSE Maths (4MA1), which has provided a successful base for many years: even as the largest department in the school, our exam results have been amongst the school's finest for many years now. The top three classes are also taught AQA Level 2 in Mathematics within the same lesson space, ensuring that able boys are fully challenged ahead of the larger tests likely to come later.

This September we moved to A Levels after many years with the IB diploma and we will bring the many valuable benefits of those programmes to our teaching. Most boys in the Sixth Form will study A Level Mathematics, with three sets for the large number of Further Mathematicians. Therefore, the successful candidate will have a double allocation of teaching to develop the subject to sufficient depth, as well as preparing for TMUA/MAT tests that some of the most



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mathematically vivid courses increasingly expect. One set will also cover all of Edexcel's Further Pure modules, leading to the teaching of Number Theory and other university level content.

Every year, most boys in the school sit a Maths Challenge qualification, with many going on to considerable successes. We have seen KES boys gain the highest scores in the Midlands in recent years, whilst a team including two Year 11 KES boys recently won the National Cipher Challenge.

IT is widely used in innovative ways, by way of Casio CG-50 calculators (which all boys from Year 10 upwards must have), whilst Desmos is increasingly used in class and forms a key activity in Year 9, for which we have two trolleys of laptops available.

The department comprises 14 members of staff, one of whom works part-time, and the responsibilities held in other parts of the school include Assistant Head, Head of Tennis and three of the Heads of Year. The department is versatile, and all colleagues support each other throughout the school day and beyond. The department meets regularly and has 10 classrooms put aside for the teaching of Mathematics.

We are proud of this department in an extraordinary school and seek an ambitious Mathematician to help us build upon what we have achieved thus far.



Person Specification

The ideal candidate would be expected to show evidence of many of the following skills and qualities. The following information demonstrates qualities that would be considered essential or desirable and how these will be tested during the recruitment process.

Qualifications and Training	Essential	Desirable
Qualified Teacher Status (UK)		Yes
Courses of further study relevant to the post		Yes
An honours degree in Mathematics or a related subject	Yes	
Evidence of involvement in personal CPD	Yes	

Experience	Essential	Desirable
Experience of teaching in a highly academic context		Yes
Experience of teaching the full 11-18 age range		Yes
Clear understanding and knowledge of current issues related to the subject	Yes	
Experience of teaching Computer Science and/or Physics to GCSE level	Yes	

Skills	Essential	Desirable
A clear understanding of how to engage with school data	Yes	
Ability to think originally and creatively and show initiative	Yes	
Commitment to high standards of Mathematics teaching and learning	Yes	
Ability to teach high quality lessons	Yes	
The potential to lead and motivate teams		Yes
Strong people management skills	Yes	
Excellent organisation abilities	Yes	
High levels of ICT competency		Yes



Personal characteristics	Essential	Desirable
Understanding of the importance of safeguarding	Yes	
Ability to cope with pressure	Yes	
Ability to communicate effectively with parents, students and staff in a variety of ways	Yes	
Understanding and commitment to equality of opportunity for all	Yes	
Understanding of, and a commitment to the ethos of the school as a community	Yes	
Tact, discretion and diplomacy	Yes	
A genuine liking of people and the ability to show warmth, good-humour, empathy and sensitivity	Yes	

How to apply

To apply for this role, please forward a completed application form, equal opportunities monitoring form (both available for download at [Work with us - King Edwards School](#)) and a covering letter addressed to Mr Ed Swanwick (Second Master) by email to: kesrecruitment@keschools.org.uk.

The deadline for applications is **Monday 11 May at 8 am**.

Interviews will take place on **Friday 15 May**.

If you have any queries about the role or would like to discuss it in more detail, please contact the Head of Mathematics Faculty, Neil Shepherd by email: N.Shepherd@keschools.org.uk

King Edward's School and King Edward VI High School for Girls are committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. Applicants invited to interview will be required to provide proof of identity, preferably a birth certificate, although where this is not available, we will accept other forms of ID. Online searches will also be carried out for all shortlisted candidates, as required by Keeping Children Safe in Education. Successful candidates will be required to undergo an enhanced DBS check and other pre-employment checks. A copy of the School's Recruitment, Selection and Disclosure Policy is available on the websites www.kes.org.uk or www.kehs.org.uk