



Queen
Elizabeth's
School

FOUNDED IN 1573

A state
school like
no other

Appointment of
a **Trainee**
Teacher of
Mathematics
for September
2019



Background

The School

Queen Elizabeth's is a state-funded grammar school, with 445 years' experience of producing confident, able and responsible young men. We provide a totally meritocratic environment, in which our boys reach their very considerable potential both in their academic and extra-curricular pursuits.

Our rich history is reflected in the School Chronicle, which is read annually on Founder's Day and which records the Governors' requirement that the education we provide should be as much in "good manners as in nurture for learning". Similarly, our formal mission is "to produce young men who are confident, able and responsible".

To this end, we are committed firstly to the pursuit of academic development at the highest level among our boys. As a meritocracy, we unashamedly celebrate intellectual accomplishment and we seek to nurture clear thinking and scholarly curiosity. The fruit borne by this relentless focus is seen every year in our public examination results: QE is consistently placed at or very near the top of national league tables.

Second, we aim to inculcate in our boys attributes such as confidence, resilience and perseverance – qualities that will equip them to thrive at school, at university and beyond, whatever the storms of life may throw at them. This is achieved partly through our bespoke tutoring system and carefully structured pastoral arrangements, and partly through our expectation that all boys participate fully in the life of the School. We have an exciting, diverse range of extra-curricular activities through which every boy can pursue his interests and stretch himself as he learns new skills and talents.





Finally, through an emphasis on service within the School and through initiatives such as our Sixth Form external volunteering programme, we encourage boys to devote themselves to causes greater than themselves. We thus develop in them an awareness that genuine fulfilment comes through seeking to make a contribution to society rather than in pursuing only personal gain.

Queen Elizabeth's School, then, offers a meticulous and richly faceted holistic approach to the education of the boys in our charge. It is this approach, combined with our excellent facilities and a proud history dating back to 1573, that make the QE experience truly a state school experience like no other.

Neil Enright, Headmaster

Further information about the School is available on our website: www.qebarnet.co.uk





THE SUNDAY TIMES

| 2018 Rank | 2017 Rank | |
|-----------|-----------|---|
| 1 | 2 | Queen Elizabeth's School, Barnet |
| 2 | 1 | The Henrietta Barnett School, Hampstead |
| 3 | 4 | Wilson's School, Wallington |
| 4 | 5 | The Tiffin Girls' School |
| 5 | 3 | St Olave's Grammar School |
| 6 | 7 | Reading School |
| 7 | 8 | Pate's Grammar School |
| 8 | 17 | Colchester Royal Grammar School |
| 9 | 14 | Colchester County High School for Girls |
| 10 | 9 | Tonbridge Grammar School |
| 11 | 6 | Altrincham Grammar School for Girls |
| 12 | 26 | Kendrick School |
| 13 | 20 | St Michael's RC Grammar School, Finchley |
| 14 | 10 | King Edward VI Camp Hill School for Boys |
| 15 | 15 | King Edward VI Grammar School, Chelmsford |
| 16 | 11 | The Latymer School |
| 17 | 25 | Colyton Grammar School |
| 18 | 19 | Tiffin School |
| 19 | 50 | Sutton Grammar School |
| 20 | 28 | King Edward VI School, Stratford |



Recent A-level Results

| Year | % A* | % A* - A | % A* - B |
|------|------|----------|----------|
| 2018 | 46.9 | 84.7 | 97.3 |
| 2017 | 41.5 | 82.0 | 96.0 |
| 2016 | 40.1 | 84.2 | 98.8 |
| 2015 | 42.2 | 85.3 | 98.4 |
| 2014 | 36.1 | 82.2 | 96.0 |
| 2013 | 39.3 | 87.4 | 98.3 |
| 2012 | 40.2 | 88.5 | 98.5 |
| 2011 | 41.1 | 84.5 | 97.7 |



Recent GCSE Results

| Year | % A* (9-7) | % A*-A (9-7) | % A*-B (9-6) |
|------|---------------|-----------------|-----------------|
| 2018 | 78.0 | 92.2 | 98.2 |
| 2017 | 70.9 | 91.8 | 98.9 |
| 2016 | 62.3 | 89.2 | 98.6 |
| 2015 | 69.6 | 93.5 | 99.3 |
| 2014 | 63.3 | 91.0 | 98.2 |
| 2013 | 66.1 | 92.5 | 99.0 |
| 2012 | 63.9 | 90.1 | 98.1 |
| 2011 | 55.3 | 90.6 | 99.3 |



The School campus



The Role

Job Title: Trainee Teacher of Mathematics

Responsible to: Head of Mathematics (Ms Jessica Steer)

We are looking for an exceptional individual who has the potential to be an outstanding classroom practitioner with the ability to motivate and stretch able boys, instilling a genuine enthusiasm for mathematics. The successful applicant will benefit from an outstanding programme of training and will have the opportunity to teach throughout the age range to A-level and beyond. An interest in supporting able boys in their preparation for university entrance will be an advantage.

Mathematics is the most popular option at Advanced Level. Significant numbers progress to Mathematics and related degrees at the country's most selective universities. Our new addition to the Mathematics department will need to be able to work alongside the existing team to maintain standards whilst ensuring that boys' enthusiasm for the subject is encouraged through stimulating lessons complemented by a wide range of extra-curricular activities. All teachers at Queen Elizabeth's are encouraged to play a full part in the wider life of this thriving School.



Mathematics at Queen Elizabeth's

We hope to instil in pupils a sense of wonder at how Mathematics explains phenomena in the real world, while helping them become more confident, resilient, resourceful, creative and collaborative, and better problem-solvers, too.

Each year we receive a new cohort of Year 7 students who have been selected, in part, on the basis of their mathematical ability. They are enthusiastic, confident and used to succeeding in Mathematics. As a department, we see it as our responsibility to ensure that they remain engaged with the subject and continue to excel as they are presented with increasingly demanding challenges.

To do this, we seek to develop confidence and accuracy in their use of mathematical language and techniques to produce solutions to problems. By requiring rigour in such work, we build resilience and resourcefulness. Creativity is nurtured through encouraging boys to find alternative solutions, and we provide opportunities for them to cooperate and work as a team.

In all of this, not only do we aim to inculcate that sense of wonder and an enjoyment of mathematical theorems for their own sake, but also a life-long love of learning Mathematics among all our pupils.

Practically speaking, we achieve this partly through thorough preparation for examinations and competitions, so that boys experience the enjoyment that comes from being successful. We also expose pupils to interesting and perplexing puzzles that sometimes challenge their preconceptions and understanding about the subject.



At the end of their studies, all boys should have the mathematical skills to pursue further studies and then to enter the world of work, regardless of the nature of their ambitions. For some, this will mean they have a solid understanding of GCSE Mathematics, while others will have acquired the tools required to be competitive in the international world of mathematics in academia.

The subject-specific material of Mathematics equips QE boys for careers in Science, Technology, Engineering, Medicine and Mathematics. The new A-level concentrates more than ever on the widely applicable mathematical modelling process. Moreover, the general skills gained from logical thinking and problem-solving extend to many other careers, such as Law.

We provide special preparation for STEP (Sixth Term Examination Paper), the Mathematics examination used to test applicants to Cambridge and Warwick universities.

Technology is important in Mathematics lessons. Boys are taught to use calculators, graph-sketching software and geometry software, while IT is also used extensively for numerical methods and statistical analysis.

QE boys participate successfully, and in large numbers, in the various UK individual Maths Challenges and follow-on Olympiad and Kangaroo rounds. Pupils take part in the UK Team Challenges, the Hans Woyda Maths Competition, the Edge Hill Challenge and the Maths Bombe online competition. A very extensive set of extra-curricular opportunities and special events is also provided. These include the: Year 7 Maths Fair; Year 10 lectures; Year 11 Show; Year 12 lectures; maths and élite maths clubs, and the cryptography club.



How to Apply

Covering letters, CVs and application forms should be submitted online at <https://www.qebarnet.co.uk/job-application-form/>

If you are unable to apply online please email your application to recruitment@qebarnet.co.uk.

If candidates prefer to send their application by mail, it should be addressed to:

Neil Enright
Headmaster
Queen Elizabeth's School
Queen's Road
Barnet
Hertfordshire
EN5 4DQ

The closing date for applications is 0830 hours (GMT) on Monday 3 June 2019. Applications will be assessed as they are received and interviews may occur at any stage during the recruitment process.

The new Trainee Teacher of Mathematics will be expected to take up post in September 2019. The role will be remunerated according to the experience and qualifications of the teacher appointed.

On the interview day candidates will be observed teaching a sample lesson. The process will also comprise a blend of formal and informal meetings. References will be taken up prior to interview.

The successful candidate will be able to demonstrate at interview:

- Outstanding subject knowledge.
- Genuine enthusiasm for working with young people.
- Excellent verbal and written communication skills.
- A willingness to give generously of time beyond the timetabled school day to support our pupils, school events and activities.
- A commitment to educational excellence and the ethos of the School that will help to ensure our pupils thrive.



Queen Elizabeth's School is committed to safeguarding and promoting the welfare of children. Applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure & Barring Service. We are an equal opportunities employer.