



# BOBBY MOORE ACADEMY

TEACHER OF MATHEMATICS



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### Message from Our Sponsor

“It is my belief that British education needs to be broader in the experiences and opportunities that it provides for young people. The 21st-century workplace needs open-minded and creative thinkers who are able to address the challenges of our times.

“This is why a David Ross Education Trust education is compellingly different. As a leading multi-academy trust, we are committed to giving every student attending one of our schools a world-class education. An education that creates academically gifted, confident, well-rounded young people in the classroom, in the workplace and in their communities.

“We pride ourselves on our academic rigour, driven by talented, dedicated and inspiring teachers who help our students to fulfil their true potential. We believe in opening our students’ eyes to the world around them. We do this through the only academy-wide enrichment programme of its kind within the state education sector. A programme that gives our students access to the kinds of life-changing experiences normally only available at fee-paying schools.

“Our promise to every student at one of our schools is clear; we will help them to become their confident, academic best.”



David Ross  
Founder

## **David Ross Education Trust**

The David Ross Education Trust (DRET) was established in 2007 when the first Academy opened.

The David Ross Education Trust is a network of unique and diverse academies, committed to becoming one of the top-performing multi-academy trusts in the country. Recognised as one of 11 system leaders nationwide, the Trust works with 34 primary and secondary schools across the country.

Our schools range from smaller rural primaries with around 50 children, to much larger secondary schools in the centre of urban areas.

In September 2017, the Trust's brand new through-school, Bobby Moore Academy, opened in the heart of the Queen Elizabeth Olympic Park in Stratford, London. The inspirational school, which currently caters for Year 7 students, will eventually educate, engage and inspire 1,560 primary and secondary school children across two sites that will sit alongside the former Olympic Stadium.

Working together, with a shared ethos and values, our close-knit family of schools allows pupils to begin and continue their world-class academic journey throughout primary and secondary school within the David Ross Education Trust.

Our strength is our diversity. Each academy has different skills and areas of expertise, and each academy contributes something to the wider network as a whole.

Since the formation of the Trust in 2010, the infrastructure to support both the expertise and ambition of these academies has grown and developed. Each academy is now part of a regional hub, a group of schools linked by age group, geography and ambition, which ensures that innovation is captured and best practice embraced.

Underpinning this, our Core Team is a dedicated group of educationalists and specialists in their areas. They provide advice and guidance where needed, and enable senior academy leaders to focus on the educational outcomes of their students.

The collective efforts of the Trust are having a transformational effect. We are proud that we have supported some of the most improved schools in England – academies that have gone from Special Measures to Outstanding in five terms or where exam results are amongst the most improved in the country.

The Trust understands that if we set the bar high for our students, we must continually demand the most from ourselves.

In 2016, Trustees developed our strategy for how the Trust will continue to evolve over the next phase of our journey. This sets the roadmap that will support our aspiration to become the highest performing multi-academy trust, with the most improved and diverse range of academies in the country.

## **Message from the Principal**

I am the proud Principal of the brand new Bobby Moore Academy, offering an outstanding education for the students of Newham and Tower Hamlets.

This is a brand new school, that will be housed in two multi-million pound state-of-the-art buildings in the shadow of the former Olympic Stadium.

In September 2017, we welcomed 120 Year 7 students to the academy, which will eventually become a through school for young people aged 4 – 18 over two sites that will be just a short walk from each other.

In a period when we celebrate and recognise the achievements of our 1966 World Cup winners, it is with great pride, and of great significance, that we are honoured to be allowed to name the academy after one of the country's sporting heroes, Bobby Moore.

He was from the area and achieved something that no other British person has done before or since. He believed in something, worked tirelessly to achieve it – and did so with dignity and humility. This is the very ethos that we are looking to capture and embrace in this school.

We will build on the diverse background of every young person and member of the community by delivering academic excellence and enrichment opportunities that will be the envy of other schools and academies.

Through our sponsor, the David Ross Foundation, our students will be able to compete in front of Olympians, access outward bound opportunities in some of the most amazing environments, perform in professional operas and have masterclasses from leading artists and musicians.

Such opportunities, combined with our strong academic ethos, will enable every child to flourish and achieve more than they ever thought possible.

This is an exciting time to be part of Bobby Moore Academy, and I very much hope that you will become part of it too.



**Mr Stuart Burns**

**Principal**

## **Bobby Moore Academy**

Our **vision** is to operate a superb all through school in the heart of the Queen Elizabeth Olympic Park.

Opened for Year 7 students in September 2017, the academy's stunning setting gives us the unique opportunity to deliver unrivalled academic, cultural and sporting experiences.

Everyone, whatever their talents, will have the aspiration and opportunity to progress as a result of an outstanding and well-rounded education.

The secondary school will educate young people from the age of 11 through to the age of 18 and is based on Stadium Island.

The primary school, which will overlook the canal, will welcome Reception children in September 2018, and will eventually educate 420 children from the age of 4 through to 11 years of age.

[The David Ross Education Trust \(DRET\)](#), of which the Bobby Moore Academy is part of, has a passionate belief that by offering young people an outstanding range of opportunities they will discover what they can excel at and thus transform their life chances.

Such an **ethos** demands that at Trust and individual school level, we bring together best practice from across the independent and state sectors, to ensure high expectations and outcomes for pupils. In practice, this ethos will be delivered through three core **values**, the rules by which our community will thrive:

1. **Academic Ambition:** we will always strive to learn and support learning to the best of our ability, completing tasks to the full and never impeding the learning of others through our actions.
2. **Wider Contribution:** we will endeavour to support and draw inspiration from all the wider sporting, cultural, adventurous and leadership opportunities that are offered. Where we cannot excel, we can always play a part and support the efforts of others.
3. **Mutual Respect:** all who study and work in our community are equal. We will be kind, polite and thoughtful towards each other at all times and never seek to contribute to, or ignore, the unhappiness of others.

## Job Description

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<b>Job Title:</b>	Teacher of Mathematics (with possibility of further responsibility). <b>Several positions available.</b>
<b>Location:</b>	Bobby Moore Academy, 1 Siding Street, Queen Elizabeth Olympic Park, London, E20 2AE
<b>Reporting To:</b>	Head of Mathematics
<b>Salary:</b>	Inner London MPS or UPS (dependent on experience), with TLR if applicable

### Job purpose:

- To provide students at the Bobby Moore Academy with the highest quality mathematics education
- To support the development of teaching and curricula within the Mathematics Department to ensure that all students are successful as mathematicians
- To participate in the development of wider school culture to create the best possible learning environment

### Key responsibilities:

- Planning and teaching consistently excellent lessons and sequences of lessons which implement the departmental vision and ensure that students make sustained progress
- To develop your own teaching to the highest level of proficiency
- Supporting students and staff by fully implementing school and departmental policies and routines, including following all safeguarding procedures
- Playing an active role in collaborative departmental planning
- Demonstrating enthusiasm for, and commitment to mathematics around the school
- Identifying and acting to remove barriers to students' achievement
- Supporting the departmental and school leadership by taking responsibility for running initiatives such as the UKMT Mathematics Challenge and TTRockstars.

### Person Specification:

	Essential	Desirable
<b>Qualifications</b>		
Educated to degree level or equivalent	X	
At least a grade B in A level Mathematics or equivalent	X	
BSc (Hons) Mathematics or similar		X
QTS		X
Evidence of continuing professional development	X	
<b>Teaching and learning</b>		
Ability to establish and maintain a calm, orderly learning environment	X	
Experience of consistently delivering high quality lessons which ensure students achieve excellent outcomes	X	
Excellent, thorough subject knowledge at KS3 and KS4 including relational understanding of topics	X	
Experience working with students with significant barriers to learning		X
Skilled at planning sequences of carefully structured lessons	X	
Ability to form effective and appropriate relationships with students that secure positive emotional health and excellent behaviour and attitudes	X	
Awareness of research, theory and best practice within mathematics education		X
Experience as a form tutor		X
Experience of supporting staff with their professional development through mentoring, coaching or similar		X
<b>Vision and values</b>		
Belief that every child can succeed in mathematics given sufficient time, effort and high quality instruction	X	
Demonstrates consistently high expectations of students and holds students to these	X	
Demonstrates a commitment to refining and developing skills as a teacher, including through reflection	X	
Believes that education can have a significant impact on students' life chances	X	
<b>Interpersonal skills</b>		
Enthusiastic about teaching and mathematics	X	
Clear and accurate written and verbal communication skills	X	
Highly organised and able to prioritise	X	
Demonstrates professionalism in contact with staff, students and parents	X	
An awareness of the importance of language and how this can impact on students' achievements	X	



## **Why Join the BMA Maths Team?**

Join and help shape the growing mathematics team at the Bobby Moore Academy, an exciting and ambitious new school in the Olympic Park, East London. The school opened in September 2017 and we will be moving into our new building ready for our second year group in September 2018.

Our vision is that every student is a successful mathematician. All students will leave the Bobby Moore Academy numerate and able to apply their skills in mathematics beyond school. Students will have an appreciation of the power and beauty of mathematics to complement their understanding and skills.

We're looking for an enthusiastic, highly skilled teacher to join our growing team. We believe that all students can succeed in mathematics, and that the best way to ensure this happens is through world-class teaching which supports students in developing both conceptual understanding and fluency. As a school we have high expectations of students both in terms of academic achievement and conduct and we have developed rigorous systems to ensure that students meet these expectations.

As a department and as a school we place great emphasis on supporting teachers in developing their practice through mentoring, departmental co-planning and developing awareness of research and best practice. This has supported us in developing a mastery-based curriculum which also draws on research on memory and retention from cognitive science.

We place a high value on teacher development and well-being. In addition to making staff development a cornerstone of our practice, we have a sensible and realistic approach to workload, particularly written feedback and data collection. We understand the importance of providing students with effective feedback, but we also recognise that there are many ways to do this; consequently, we give departments and staff freedom as to how they provide students with regular and effective feedback.

This is an exciting time to join us and help shape what we want to be the best Mathematics department in the country!

Please get in touch if you have questions about applying or arranging a visit:  
John Jackson (Head of Mathematics) [jjackson1@bobbymooreacademy.co.uk](mailto:jjackson1@bobbymooreacademy.co.uk)

**Application Process:**

Complete and submit CVs and covering letters to [bmaenquiries@bobbymooreacademy.co.uk](mailto:bmaenquiries@bobbymooreacademy.co.uk)

Please outline how your experience, skills and training to date enable you to meet the qualities in the person specification. Please ensure that you are clear as to how your actions have led to excellent outcomes for students.

***Closing date for applications will be Noon on Friday 9th February 2018.***

***Interviews for successful candidates will take place week commencing 19th February 2018.***

## **About the Department and Academy**

### **Mathematics Department Vision:**

Every student is a successful mathematician. All students leave the Bobby Moore Academy numerate and able to apply their skills in mathematics beyond school. Students have an appreciation of the power and beauty of mathematics to complement their understanding and skills.

### **Mathematics Department Mission:**

To be the best mathematics department in the network and the country, both for students and teachers.

### **Mathematics Department Values:**

- **Collaboration**  
Members of the team discuss mathematics and pedagogy in order to plan together to provide brilliant teaching for students. The open-door policy enables all staff to learn from each other.
- **Excellence**  
Members of the team strive to ensure all students and staff are able to excel.
- **Support**  
The culture within the team enables all staff to be the best they can be. Leaders within the team and the wider school ensure that staff can focus on teaching and that they maintain a healthy work-life balance.
- **Development**  
Each member of the team has a clear understanding of themselves and others within the team can develop, and support is provided for this.

### **Mathematical Principles:**

- Teaching for conceptual understanding and mastery
- Ensuring that students see mathematics as connected
- Teaching to the domain, not the exam
- Excellence in language
- Challenge through depth of understanding, not acceleration through content
- Teaching is led by research and best practice

### **What this looks like:**

- The environment within the school and the department is conducive to teaching. This includes ensuring that student behaviour and all policies, data collection, paperwork and administration support learning. This also ensures staff have a sustainable work-life balance.

- Mathematics teachers are able to continuously develop their practice through reflection and self-improvement as well as supportive but challenging line management.
- Our five-year curriculum is based on best practice from countries and jurisdictions such as Singapore, Shanghai and Finland as well as excellent practice within the UK. One aspect of this is that it involves spending longer on each topic, with the aim of avoiding year-on-year repetition of content. Key to this approach is ensuring that previously learnt content is revisited in a systematic way. Our curriculum plans for this in two ways:
  1. Distributed practice rather than massed practice. Content is revisited through homework and frequent low-stakes quizzes using an expanding intervals model.
  2. Interleaving prior content into new learning. Students will use new contexts to practise previous topics, for example, using decimals within work on area.

These strategies draw on work by researchers such as Bjork, Rohrer, Kelly and Willingham and have been used to inform the curriculum structure.

- In line with the recommendations of experts such as Christodoulou, students undertake summative assessments infrequently. This allows teachers to focus on teaching and supporting students to improve.
- Frequent and varied formative assessment is used to ensure that gaps in students' learning are identified and addressed. One aspect of this is that maths teachers are not required to provide written feedback for classwork or homework. Instead staff are expected to use frequent reviews of student books in order to inform their planning to address misconceptions and gaps in students' knowledge. This maybe done through quizzes, re-teaching or whole-class feedback.

## Secondary Site

The Secondary site will be completed in the Summer of 2018. The site will have state of the art facilities that include:

- Practical and world class classrooms;
- ICT suites;
- Fitness studio;
- Science labs;
- Outdoor science / experiment zone with outstanding views (on the 5th floor);
- Library;
- Communal area for dining;
- Roof top veranda located on top of the sports hall;
- Maths seminar room;
- Music studios; and
- Much more.

Click here to see the [latest drone footage.](#)







## Primary Site



## **Further Information**

**Tel:** 0203 146 8000

**Enquiries Contact:** Andy Green

**Email:** BMAenquiries@bobbymooreacademy.co.uk

## **Postal Addresses**

### **Primary site:**

Bobby Moore Academy  
23 Marshgate Lane  
London  
E20 2AA

### **Secondary site (with effect from September 2018):**

Bobby Moore Academy  
1 Siding Street  
London  
E20 2AE

## **Directions**

The Olympic Park is very well connected and there is a great deal of detail to be found at:

<http://www.queenelizabetholympicpark.co.uk/the-park/plan-your-visit/getting-here>

- Bus routes which stop on Carpenters Road and at the Aquatic Centre
- Pudding Mill Lane, Stratford or Stratford International (DLR)
- Hackney Wick Station

The Primary site is opposite Bridge 3 of the London Stadium.

The Secondary site is opposite the West Ham Store and is situated next to the London Marathon Community Track.



# Map

