



# Key Stage 5 Maths Lead

Candidate Information Pack



**January 2024**

Dear Candidate,

Thank you for taking the time to find out more about the role of Key Stage 5 Maths Lead at King Solomon Academy.

Since inception, King Solomon Academy has been one of the highest performing non-selective schools in the country. We are redefining what is possible and we are seeking an exceptional teacher and leader in Maths, ready to join the Maths department in our high-performing school and to contribute to the achieving of our mission. This is a unique opportunity to be part of showing what education can achieve.

KSA aims to transform the lives of its pupils. Our mission is to provide a rigorous education that prepares our pupils for success at university and beyond, irrespective of their starting point. Our teachers and leaders do whatever it takes to make this a reality.

Maths is an integral part of Academy life at King Solomon Academy and we want KSA to be synonymous with excellent Maths teaching. We are the founding home of Times Tables Rock Stars and one of the originators and long term proponents of mixed attainment Key Stage 3 Maths teaching. In 2023, we achieved progress of +1 in Maths, with nearly 40% 7 or above. At A-Level, we achieved close to 40% % A\*-A in our Maths A-level, as well as strong performance in Further Maths. Our Key Stage 5 provision is supplemented with Core Maths.

We seek an enthusiastic and talented leader and teacher, ready to guide the curriculum and teaching in Maths and by doing so, to have a huge impact on the futures of our pupils. We are looking for an exceptional teacher who takes pride in challenging and inspiring young people and who can be a role model for other teachers in the school. The successful candidate will have experience of improving outcomes in their own classroom. Experience of having developed or coached others is desirable, but we would be willing to nurture and coach a KS5 Maths Lead who shows clear potential to be successful.

To apply, and to see more information about the school and this role please visit <http://kingsolomonacademy.org/current-vacancies>. The deadline is **11am on Monday 19<sup>th</sup> February 2024**. To discuss the role, please feel free to email Salma Ali, our HR officer ([ksa.hr@kingsolomonacademy.org](mailto:ksa.hr@kingsolomonacademy.org)) or phone on 020 7563 6900.

We wish you the very best with your application,

**Beth Humphreys**  
**Principal**

## Principal: Beth Humphreys

Beth Humphreys graduated from the University of Edinburgh with an MA in English Literature and French and then completed a second Masters' degree in Educational Leadership at The Institute of Education. She joined KSA secondary in 2012 as an Assistant Head and then Deputy Head, leading on curriculum and professional development before she became Head of Primary in January 2017 and Associate Principal. Beth has now been appointed to lead King Solomon Academy as Principal. She is proud to serve our all-through community and is passionate about ensuring our children get the very best start in life anyone could give them.



*"We are dedicated to doing whatever it takes to ensure each of our pupils has the chance to attend an academically rigorous university."*



## Vice Principal: Alice Cairns

Alice Cairns graduated from the University of Cambridge in 2010 with a degree in Theology and Religious Studies. She joined the 2011 cohort of Teach First teaching Maths in Coventry. Following Teach First Alice was one of the founding staff at Oasis Academy South Bank where she was Head of Maths, Music and Farming and then Assistant Principal. From 2017 Alice was the National Curriculum Lead for Oasis Community Learning where she led the standardisation of Mathematics Mastery across all Oasis academies. She joined KSA in September 2020 as Vice Principal, Pastoral. Alice leads the Pastoral Leadership Team. Alice will manage the Head of Maths and support in the development of the Deputy Head of Maths.

## Head of Maths: Robert Millar

Robert Millar graduated from the London School of Economics in 2013 with a first class degree in Economics. He spent 5 years in management consulting, based in London and New York, before joining the teaching profession. He trained at KSA in 2018, holding a variety of roles within the Maths Department before becoming Head of Department in 2023. He is also a form tutor to 11 Cambridge, having taught the Class of 2026 since they were in Year 7! Rob is passionate about helping students achieve their potential about Maths, as well as helping to develop the Maths teaching team to improve their practice.



## **Job Description: Key Stage 5 Maths Lead**

**Start date:** September 2024 (or sooner, for the right candidate)

**Salary:** Ark Main Scale / UPS Inner London (£37,667 - £59,242) and TLR 2a, £3,213 in addition to basic salary

### **The Role**

- To achieve exceptional outcomes at Key Stage 5 and inspire pupils to apply for maths related degrees at university.
- To support the Head of Maths to lead a ground-breaking Maths department which is nationally recognised for its impact, excellence and innovation.

### **Outcomes and Activities**

#### **Leadership of subject**

- Role model excellent Key Stage 5 teaching in Maths
- Develop innovative schemes of work which are inspiring for learners and teachers alike and feed into standards-based assessments in relevant key stages.
- Produce periodic assessments with marks schemes
- Support the Head of Department to ensure assessments are moderated internally and externally
- Analyse progress and attainment data to make data-driven changes to curriculum design, and pupil interventions
- Work in collaboration with classroom teachers and SENDCO to ensure pupils receive high quality interventions
- When appropriate, through regular observation and feedback, mentor identified subject teachers to ensure excellent teaching and learning in all lessons.
- Support the Head of Department in planning and delivering departmental professional development
- Create and sustain a positive department culture, where teammates feel collectively supported and developed

#### **Teaching and Learning**

- Meticulously plan and teach engaging and challenging lessons that pave the way for success in school and life
- Meet the needs of all learners by consistently planning and teaching carefully differentiated lessons
- Set and mark appropriate homework
- Use regular, measurable and significant assessments of their teaching
- Complete all reporting on time



- Closely monitor progress and attainment of their pupils and use it to inform their teaching
- Provide content for and where necessary deliver high quality pupil interventions with direction from SENDCO and relevant Senior Leaders
- Ensure that all pupils achieve or exceed academy targets
- Maintain regular and productive communication with parents about their child's progress, behaviour and development, including attending after school parent meetings as required
- Organise and participate in exciting and motivating trips and events
- Answer emails/messages from pupils

## Other

- Undertake professional development as agreed with school leaders
- Perform additional duties and tasks required for the effective operation of the school, including: attending home visits, eating lunch with pupils, supervising silent sustained reading (DEAR), break supervision and gate duty
- Undertake other various responsibilities as directed by the Principal

If you can't fly then run, if you can't run then walk, if you can't walk then crawl,  
but whatever you do you have to keep moving forward.

Martin Luther King



# Person Specification: Key Stage 5 Maths Lead

## Qualification criteria

- Qualified to degree level and above
- Qualified to teach in the UK
- Right to work in the UK

## Experience

- Experience of raising attainment in a leadership role in a challenging school at Key Stage 5
- Evidence of continually improving the teaching and learning of their subject through CPD and coaching staff

## Skills and attributes

We are looking for alignment to our KSA values or at the very least, a candidate's clear, demonstrable capacity to develop them:

### “Aiming high”

- Prepares for success with excellent organisational skills
- Works hard to achieve goals
- Never gives up on ourselves, our teammates or our mission
- Willingness to play a full part in school life and go above and beyond to ensure success
- High energy and driven by a ‘whatever it takes’ attitude.

### “Working together”

- Works effectively as part of a team
- Seeks out opportunities to build on own and others' strengths and helps others to be better through a culture of clear, kind feedback
- Makes a strong contribution to assessments and child-led planning

### “Being kind”

- Able to create a safe, happy and successful environment for everyone in our community
- Shows gratitude
- Takes care of others
- Exhibits pride in achievements of self and others

### “Leading the way”

- Has a passion for working with children
- Is a positive role model to others
- Is brave
- Shows initiative
- Feels passionate about creating a better future.

## Other

This post is subject to an enhanced DBS check.



## **Positive Action and inclusive recruitment at KSA**

We are keen to bring new perspectives and backgrounds into our school to build a diversity of thinking so that we can build the best school possible. Following an analysis of our teaching body, we are actively welcoming qualified candidates from Black and Ethnic Minorities, as they are currently under-represented amongst our teachers. This is particularly important given the diverse community we serve.

We want to make applying to and working at King Solomon Academy as inclusive as possible, and have a variety of systems in place to ensure that our approach is as fair and open as possible:

- Transparent application procedure, including a well signposted interview day, which tells candidates how they will be assessed and how they can prepare
- 'Blind' screening of applications, discounting identifying characteristics when shortlisting, in pairs
- Diversity and Inclusion training for senior leaders involved in recruitment
- Interview processes which include a range of leaders to avoid any individual bias
- Discussion with the Staff Working Group (staff consultative body) to ensure the recruitment process is inclusive.

## **Being part of the Ark network**

Ark is an international charity, transforming lives through education. We exist to make sure that every child, regardless of background, has access to a great education and real choices in life.

We know that great schools need great teachers, which is why we offer you the very best training and support at every stage of your career - from starting out as a trainee to running your own school.

Our highly-successful network of 39 schools educates over 20,000 students across Birmingham, Hastings, London and Portsmouth. They are achieving some of the best results in the country despite being largely in areas of historic academic underachievement.

Ark schools prioritise six key principles: high expectations; excellent teaching; exemplary behaviour; depth before breadth; more time for learning; knowing every child.

Ark invests significantly in a number of professional development programmes which complement academy level training:

- The Ark training menu: we have developed a bespoke training menu, which is accessible by all staff in the network offering a wide range of training modules to staff in all roles
- Network support: schools share CPD, allowing us to share best practice and role specific training across the network, facilitated by in-school and central staff
- Ark staff receive 10 training days each year rather than five.



### ***Ark runs a number of additional programmes, including:***

- Leading Impact for senior leadership development
- Lead Teachers, aimed at developing the skills of outstanding teachers to improve performance of other teachers
- Outstanding Teachers, aimed at good teachers aiming to improve and embed outstanding practice
- SEN training for new to role and established SENCos
- New Teacher induction

Ark is at the forefront of changing education society through education. We run Initial Teacher Training through School Direct and we co-founded the Future Leaders and Teaching Leaders development programmes and offer teachers and support staff a comprehensive range of school-based first class professional development opportunities.

## **Ark Safe Recruitment Procedure**

Ark is committed to safeguarding and promoting the welfare of children and young people in its academies. In order to meet this responsibility, its academies follow a rigorous selection process to discourage and screen out unsuitable applicants.

### **Disclosure**

This post is classified as having substantial access to children, and appointment is subject to an enhanced police check of previous criminal convictions (DBS). Applicants are required, before appointment, to disclose any conviction, caution or binding over including 'spent convictions' under the Rehabilitation of Offenders Act 1974 (Exemptions) Order 1975. Non-disclosure may lead to termination of employment. However, disclosure of a criminal background will not necessarily debar individuals from employment – this will depend upon the nature of the offence(s) and when they occurred.

### **Reference checking**

References from the previous and current employer will be taken up for shortlisted candidates, and where necessary employers may be contacted to gather further information.

### **Probation**

All new staff will be subject to a probation period of six months (which may, in certain circumstances, be extended by up to 10 weeks). The probation period is a trial period, to enable the assessment of an employee's suitability for the job for which they have been employed. It provides the academy with the opportunity to monitor and review the performance of new staff in relation to various areas, but also in terms of their commitment to safe guarding and relationships with pupils.