

Mathematician in Residence

Based at Beal High School
Woodford Bridge Road, Ilford, IG4 5LP

Required for September 2026

Salary: circa £35k FTE

1-year fixed-term

Full-time or part-time (pro rata)

Beacon Academy Trust are currently seeking to appoint a highly inspirational and academically skilled Mathematician in Residence, with exceptional subject knowledge, to teach A-Level Maths and Further Maths, and to support the most able students at Beal Sixth Form.

Beal Maths School opened in September 2025 and provides a pioneering pathway for our most able students, who wish to pursue mathematics related degrees and degree apprenticeships.' The students study a range of academic A-levels alongside Maths and Further Maths and are supported by the Mathematician in Residence to expand their mathematical knowledge through problem solving and enrichment. There are specialist facilities including online conference rooms and lecture facilities.

The successful candidate will have strong postgraduate qualifications and be passionate and committed to high academic standards in their subject.

A teaching qualification is not required for this post, but a passion and aptitude for teaching and imparting knowledge is essential.

The successful applicant will enjoy a reduced teaching load to give more time for subject development and the sharing of best practice.

This post would suit a passionate mathematician on either a part-time or full-time basis.

The Trust is committed to safeguarding and promoting the welfare of young people and expects all members of staff to share this commitment.

Enhanced DBS (with list checks) is required for this post.

The below documents must be read prior to applying for this role and will be factored into interviews:

[Keeping Children Safe in Education](#)

[BMAT – Safeguarding and Child Protection Policy](#)

Further information and an application form can be found at <https://nelta.co.uk/vacancies/>

Please forward your electronic applications to recruitment@beaconacademytrust.co.uk

Please note we reserve the right to close or extend this position depending on application numbers, therefore we would urge candidates to submit an application as soon as possible.



Beacon Multi Academy Trust Benefits

SCAN THE QR CODE
TO VIEW **CURRENT**
VACANCIES



Benenden Private Healthcare

Responsive medical care which can be extended to include family and friends - taxable benefit

Busy Beacons Nursery

Access to a BMAT term time only on-site nursery for all BMAT staff

Pay and Conditions:

16% PPA minimum for teaching staff

Retained School Teachers Pay and Conditions 2012 including automatic main scale progression for teaching staff

Access to Teachers' Pension Scheme (TPS) or to Local Government Pension Scheme (LGPS)*

CPD:

BMAT CPD Hub - Investment in training and professional development

A range of career opportunities across the Trust

*Where applicable

Staff Wellbeing:

Free access to a fully fitted on-site fitness suite on both campuses and staff shower facilities

Interest-free beneficial loans to spread the cost of computer equipment, bikes, transport season tickets and visa applications

Free hot drinks

Free on-site parking and electric vehicle charging points on campus

Winter wellbeing additional day holiday for all staff

Employee Assistance Programme. 365 days/24 hour helpline and additional support with legal, financial advice and counselling

Two weeks' full pay paternity leave*

Generous leave for full-time support staff

Team building and sports events to build cohesion and BMAT community

Microsoft Office 365 individual access from personal devices



Role Description

This Recruitment Pack should be read alongside the range of professional duties of teachers as set out in the contract of employment and BMAT Policies and Procedures. Teachers make the education of their students their first concern and are accountable for achieving the highest possible standards in work and conduct. Teachers act with honesty and integrity; have strong subject knowledge, keep their knowledge and skills as teachers up-to-date and are self-critical; forge positive professional relationships; and work with parents in the best interests of their students.

Duties and Responsibilities:

- Teaching (a reduced number of) good and outstanding lessons in the department.
- Preparing appropriate materials to support teaching and learning and maintaining resources and displays of a high standard.
- Actively researching and exploring current developments in teaching and learning to ensure the department is at the forefront of pedagogical developments.
- Working with senior leadership to share best practice in the faculty to improve subject knowledge and pedagogy.
- Supporting, coaching and developing teaching staff in all aspects of subject teaching.
- Marking and assessing sixth former work and reporting on sixth former progress in accordance with BSF policies.
- Supporting sixth formers in every lesson and giving a reasonable degree of additional academic support outside of lessons (for examples, lunchtime or after school drop-ins).
- Providing or contributing to oral and written assessments, reports and references relating to individual sixth formers and groups of sixth formers.
- Supporting the teaching of the department's most able students to achieve a higher proportion of A* grades.
- Working intensively with the most able sixth formers in the department to support them onto the most competitive university courses at top universities, including but not limited to, Oxford, Cambridge, and the Russell Group.
- Participating in arrangements for preparing sixth formers for public examinations and in assessing sixth formers for the purposes of such examinations.



- Leading on subject-specific enrichment programmes (for example, the Maths Challenge).
- Contributing to the programme of after-school and lunchtime academic enrichment activities.
- Creating an effective rapport and a sound relationship with all BSF sixth formers, earning their respect and trust but maintaining proper professional boundaries by not deliberately courting popularity or friendship.
- Contributing to the establishment and maintenance of a caring, positive, safe and stimulating environment for each sixth former at BSF.
- Being a pastoral tutor to a group Year 12 or Year 13 tutees, with responsibility for tracking and reporting on your tutees' attendance and their academic, social, and personal development.
- Contributing to the teaching of Personal, Social and Health Education.
- Liaising closely with colleagues within the pastoral structure of BSF.
- Ensuring that all sixth formers observe BSF policies relating to dress, behaviour and other matters, and that they take proper care of BSF's environment and resources.
- Prioritising at all times the safety and well-being of the sixth formers by following the Welfare & Safeguarding policies.
- Working with SLT line manager to develop all aspects of the provision of Beal Maths School

The above-mentioned duties are neither exclusive nor exhaustive, duties and responsibilities of the post may change as requirements and circumstances change. The post holder may be required to carry out such other duties as requested by management that are broadly within the level of the post.



Mathematician in Residence

Person Specification	Essential (E) Desirable (D)	App	Fm	Intvw	Ref
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Qualifications and experience					
Degree.	E	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Postgraduate qualifications in the appropriate academic field for the post.	E	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional experience and practice					
The ability to teach good or outstanding A-Level Mathematics and Further Mathematics lessons.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Track record of improving pupil performance, including successfully supporting pupils to reach the very highest grades.	D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Commitment to providing any necessary additional support so sixth formers achieve the very highest grades.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The ability to support the most able sixth formers with university preparation, including interview and entrance exam practice.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Commitment to providing enriching extra and co-curricular activities.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ability and skills					
Excellent interpersonal skills, including building good relationships with colleagues and sixth formers.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Demonstrate ability to work well in collaboration with others.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reflective practitioner.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Commitment to improving practice through appropriate professional development.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Act upon advice and feedback and demonstrate ability to coach and mentor.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Personal attributes					
Enthusiasm, reliability, and integrity.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Resilience, flexibility, and an ability to work under pressure.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Effective oral and written communication.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Effective time management and organisation skills.	E	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Belief that pupils can achieve highly regardless of background and that the best interests of pupils always come first.

E



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