



JOB DESCRIPTION

JOB TITLE	Teacher of Mathematics
DEPARTMENT/SECTION	Mathematics
LINE MANAGER	Head of Mathematics, with input from the Second-in-Mathematics
RESPONSIBLE FOR	Senior School Mathematics

SAFEGUARDING:

Forest School is committed to safeguarding and promoting the welfare of children.

The postholder will be required to;

- Complete an Enhanced Disclosure and Barring Check (DBS).
- Complete Child Protection Training.

Promote and safeguard the welfare of all children and young persons they are responsible for, or with whom they come into contact

JOB SUMMARY:

Forest School is seeking to appoint a passionate, inspiring, and enthusiastic teacher to join a thriving, diverse and large Mathematics Department with a track record of excellent results, outstanding pupil outcomes and a strong focus on pedagogy and teaching and learning development.

As one of the largest day schools in HMC, Forest abounds with opportunities for professional and career development. Teachers at Forest are rarely just confined to their subject area and the majority play a full and active role in Forest's enviable super-curricular and co-curricular programme, with opportunities to lead in clubs and activities as diverse as Model United Nations, Extended Project Qualification, Jedi Warrior Lightsabre Fencing, Chapel Choir, Music Technology and Cricket, to give but a few examples. The ambition, richness, and distinct nature of the integrated curriculum at Forest offers our staff with an unparalleled experience of a modern and holistic education in our beautiful London setting. As our Good Schools Guide Review (2023) suggests Forest is a 'flourishing, successful and well-led school in a glorious, green setting with consistently strong results that don't require pupils to sacrifice happiness or wellbeing on the way to achieving them... an education that's so genuinely rounded you could make hoops from it.'

Forest invests heavily in the development of pedagogy and teaching strategy, with all teachers expected to engage in an ambitious Professional Learning Programme which includes seminars and contact with leading minds in the teaching

and learning space; most recently, Forest welcomed Tom Sherrington who presented on curriculum strategy and design. In addition, we are immensely proud of our culture of formative, ongoing and developmental peer observation through our Teaching and Learning Communities. Teachers are also encouraged to liaise regularly with our team of Lead Teaching Practitioners and benefit from coaching and constructive critical feedback and reflection on their practice.

The Teacher of Mathematics will be responsible for delivering high quality teaching, through planning engaging lessons to enable all pupils to make the best possible progress. The Teacher of Mathematics must be able to demonstrate excellent subject knowledge and communicate this in an enthusiastic and imaginative way. The ability to teach A Level would be an advantage. In addition, they will be expected to contribute to the routine and extra-curricular life of the school, as well as that of the department.

Mathematics is a thriving, popular and dynamic faculty at Forest that secures strong academic outcomes. The faculty aims to promote the enjoyment and appreciation of Mathematics beyond the curriculum; this is at the heart of its philosophy. We have a large entry every year to all levels of the UKMT Maths Challenges with many gaining gold certificates and progressing to the higher rounds. There is a school team in the London-based Hans Woyda Competition and students regularly attend the Mathematics in Action lectures. We have a programme of guest speakers at Forest. These have included Marcus du Sautoy, Matt Parker, Alex Bellos and Kjartan Poskitt of Murderous Maths fame. As part of our partnership with local schools we host other students in our Additional Mathematics programme for Year 11.

Results are strong within the faculty. Over the last five years when public examinations were taken, around 80% of students at Key Stage 4 have achieved grades 7 to 9. Over 30% achieved a grade 9, and over 60% achieved a grade 8 or 9. At A-level over the same period, our students achieved a 50% A*/A rate in Mathematics and 78% in Further Maths. 47% of Further Mathematicians gained an A*. Three students have secured offers to read Mathematics at Cambridge in the past few years and many more secure places at leading institutions (in the Russell Group and beyond) each year. Forest offers the Pearson/Edexcel IGCSE in Mathematics at Key Stage 4 and the Edexcel Mathematics A-Level at Key Stage 5.

We would expect the successful applicant to teach the full range of Mathematics at Forest School, from Key Stage 3 to A-Level and Oxbridge preparation. The ability to offer Further Mathematics would also be desirable.

We welcome applications from candidates who are new to the profession and offer a well-developed and formative programme of support, coaching and guidance for PGCE and ECT candidates.

KEY DUTIES AND RESPONSIBILITIES:

Roles and Responsibilities

- Teach across all levels and abilities. Forest School follows the Edexcel IGCSE course (Specification A) (9-1) and the OCR (MEI) A level course. The ability to teach A level or Further Mathematics would be advantage.
- Develop, maintain and stimulate pupils' curiosity, interest and enjoyment in Mathematics
- Enable all pupils to have equal access to Mathematics and to experience success in their work
- Develop pupils' familiarity, competence and confidence with appropriate Mathematical concepts, principles, methods and vocabulary
- Provide challenge for every pupil and to encourage all pupils to achieve their potential in Mathematics
- Develop pupils' understanding and applications of Mathematics in its wider context
- Make a contribution to and engage in extra-curricular Mathematics

- Share in departmental best practice
- Willingness to invest extra time to ensure students achieve the best standard
- Willingness to help out with departmental responsibilities

TEACHER - GENERIC DUTIES AND RESPONSIBILITIES

Below sets out the generic main duties and responsibilities of any teacher at Forest School. Those holding positions of responsibility have specific job descriptions in addition to the duties described below. Above all, Forest School teachers are professionals who carry out their duties responsibly and with regard for the best interests of their pupils and the School.

Teaching and Learning

- Plan, prepare and deliver purposeful and productive lessons to assigned classes.
- Be prepared to innovate and devise imaginatively varied ways of teaching their subjects to inspire pupils.
- Encourage pupils and show enthusiasm for their subject in the classroom.
- Mark work according to departmental and School marking policies, giving appropriate feedback and maintaining records of pupils' progress in their subject.
- Demonstrate an awareness of Assessment for Learning strategies and personalise the learning of all pupils, as appropriate.
- Select and use a range of different learning resources and teaching styles, appropriate to subject and topic.
- Participate in mutual lesson observations both within and beyond their department as a part of sharing best practice.
- Use teaching strategies that allow for the full range of ability and learning styles in each class.
- Research new topic areas and maintain up-to-date subject knowledge.
- Undertake report writing and award internal grades as required.

Department

- Carry out any reasonable subject-related duties assigned to them by their Head of Department.
- Attend department meetings and moderation meetings as requested by their Head of Department.
- Contribute to the Department's devising and writing of new subject materials when required.
- Make themselves familiar with the contents of their Department Handbook and endeavour to follow closely the guidance and Schemes of Work provided in this document.

Co-Curricular

- Contribute imaginatively to the co-curricular, extra-curricular and sporting programmes of the School as required and be prepared to run or assist with activities beyond lesson times, and on Saturdays when required.
- Take part in the outdoor programme of the School in activities ranging from Games to the Duke of Edinburgh's Award and the Combined Cadet Force.

Pastoral

- Ensure that they are familiar with the School's health and safety guidance and be responsible of their own health and safety and that of their pupils.
- If full-time, be prepared to undertake the pastoral role of a form tutor.

- Manage pupil behaviour in the classroom, establish an orderly working environment and ensure the safety and good conduct of the pupils in line with Forest's policies and procedures.
- If present in School, attend assemblies and Chapel, supervising the pupils, unless permission has been granted by the Deputy Warden that they be excused.

Other Professional Duties

- Conduct themselves in an appropriate professional manner at all times.
- Support and foster the aims of the School.
- Make themselves familiar with the contents of the Staff Handbook, the School's aims and policies and endeavour to follow these closely.
- Carry out such duties, including cover for absent colleagues and examination invigilation, as are allocated to them by their Head of Department or Senior Teachers, punctually and efficiently.
- Attend staff meetings, Parents' Evenings, Commemoration Day, Inset sessions and similar important functions both in and out of normal School hours, and participate in Open Days, including the main one on a Saturday, for prospective parents and pupils.
- Notify their Head of Department and the Deputy Warden as early as possible if they are going to be absent from School and set rigorous, appropriate work.
- Attend relevant in-service training each year, after obtaining the consent of their Head of Department and the Deputy Warden.
- Take part in the School's performance management and appraisal schemes.

FOREST SCHOOL'S POLICY AND PROCEDURE

The postholder is required to actively follow and abide by all Forest policies and procedures including Equal Opportunities, Staff Code of Conduct, Safer Recruitment and Child Protection, and will maintain an awareness and observation of Fire and Health & Safety Regulations

If during the course of time the duties and responsibilities should change, the job description will be reviewed and amended in consultation with the postholder.

The postholder will carry out any other duties as are within the scope, spirit and purpose of this job description as requested the line manager or Head of Department/Section.