



LOUGHBOROUGH
High School

The foundation of a rewarding career

THE LOUGHBOROUGH SCHOOLS FOUNDATION





THE
LOUGHBOROUGH
Schools Foundation

We believe, with some justification,
that there really is nowhere
quite like the Loughborough
Schools Foundation.



LOUGHBOROUGH
Amherst School

Boys & Girls 4 - 18 years



LOUGHBOROUGH
Nursery

6 weeks - 4 years



LOUGHBOROUGH
Grammar School

Boys 10 - 18 years



LOUGHBOROUGH
High School

Girls 11 - 18 years



We are a progressive, charitable Foundation comprising a Nursery, two complementary Prep Schools and three high achieving Senior Schools; The Grammar School for boys, The High School for girls and Amherst School, a non-selective, co-educational School, all sharing exceptional resources and one beautiful, extended campus in the heart of Loughborough.

Our Schools family embraces some 2,000 pupils and 750 staff engaged in giving and receiving an education to cherish.

An education where academic achievement is balanced by moral guidance, happiness, courtesy, opportunity and a tangible kindred spirit within which everyone is known, understood and valued.

Should you choose to apply for this important position, we look forward to welcoming you and helping you to discover more about the Foundation, its history and its future.



LOUGHBOROUGH
Schools Music



FAIRFIELD
Prep School

Boys & Girls 3 - 11 years





LOUGHBOROUGH High School

Founded in 1850 and moving to our current home in 1869, the High School is one of the country's oldest grammar schools for girls.

Many of the values we uphold, standards we set and traditions we celebrate have been established in the ensuing years, always with the goal of creating a wonderfully welcoming community within which every pupil is supported and encouraged to become all that they can be.

Our beautiful buildings, set in tree-lined grounds alongside our neighbouring Foundation Schools, echo our pedigree but perhaps disguise what an enterprising School we have become. The place positively fizzes with energy. The High School has been a leader in the adoption of iPads to aid learning, a new

state-of-the-art sports centre is being built and STEM subjects, championed in our refurbished and extended laboratories, are a particularly strong element of our curriculum.

We have always believed that happiness is a pre-cursor to academic success and we very much see our role as ensuring girls enjoy their time with us. We place great emphasis on the provision of first-class pastoral care, a real breadth and depth of opportunity and we develop particularly close links with parents.

By encouraging initiative, independent thought and cultivating a lifelong enjoyment of learning, we equip pupils to nurture their confidence and skills to forge their own path.

We are proud to say that there isn't a typical Loughborough High School girl. Every student can be the young person she wants to be, knowing that the girls around her will be her supporters not her rivals.

Loughborough and the East Midlands

Loughborough is a thriving university town of about 65,000 people (supplemented by 17,000 students in term-time) with a feel of a much larger conurbation. It has a strong sense of community and is very well provided for with amenities including two cinemas, museums, parks and a very wide range of shops and restaurants and a popular market on Thursdays and Saturdays. The three cities of the East Midlands (Leicester, Nottingham and Derby) are all half an hour away by car – less by train, and all include outstanding cultural and sporting venues. The town itself is surrounded by picturesque villages in the rolling Leicestershire countryside.

The East Midlands are extremely well connected to the rest of the country through an excellent network of transport links. Loughborough is 75 minutes by train from St Pancras in London, and the M1 lies only 3 miles from the town centre. East Midlands international airport is just to the North of the town. In addition, this is one of the rare regions in England where property prices remain at a relatively affordable level for teachers with young families.



THE POST

Teacher of Maths



PERSON SPECIFICATION

- Experience of teaching age 11-18 years. Experience or the capability to teach the A Level Further Maths range would be desirable and we welcome applications from PGCE/NQT.
- Must have a passion for mathematics and be able to demonstrate excellent teaching practice.
- Must be well organised and efficient in their administration.
- Competent in the use of ICT for teaching and learning purposes.
- Competent in the use of ICT for recording and monitoring use.
- Good team worker.
- Must have effective communication skills so they can converse with all members of the school community.



BACKGROUND

The Mathematics department at Loughborough High School is a lively and vibrant department. Each member of staff in the department has well defined responsibilities, is heavily involved in school life and supported and overseen by the Head of Department. The teaching of the Sixth Form is shared within the department. All staff teach across Years 7-11. In Year 7 girls are taught in mixed ability groups until Christmas when they are set. From Years 8-11 girls are set more rigorously according to mathematical ability into three or four divisions depending on cohort size. The girls have taken the higher-level Edexcel IGCSE course since 2006. Our results are impressive and each cohort gains 85-90% 7-9 grades.

The Collins Frame working series forms the basis of the Year 7-9 work. We are using the Pearson Edexcel IGCSE (9-1) Mathematics A books, Student books 1 and 2 for the new IGCSE specification. All of our text books are accessed through the students' iPads.

The OCR FSMQ Additional Maths is offered as an optional course for Year 10 and 11. This is a popular course.

At A Level we follow the new Edexcel Maths and Further Maths courses. Mathematics is a popular subject at this level. Again, our results are very good.

There is normally one class who study Further Mathematics up to A2 as a separate group and additional lessons are provided for girls preparing for Oxbridge and/or wish to do STEP/AEA/MAT/TMUA papers.

The department has its own designated area comprising four teaching rooms all of which have their own networked computer. There are Promethean interactive whiteboards and data projectors in all four rooms. The Mathematics department is a forward thinking and technological department. ICT is very much integrated into the classroom; some homework is set using Dr Frost Maths mainly for Years 7-11 but increasingly Years

12 and 13 also. Teachers and students all have iPads and they are used in day to day teaching. Teachers also have access to software such as Autograph 3 and MEI Integral. The department also has its own Firefly VLE and members of the department are expected to maintain and contribute to this to encourage independent learning.

The department is also responsible for, and hosts, two 'Maths Masterclasses' on Saturday mornings for Year 6 children from local primary schools.

In the past we have welcomed Colin Wright into school to talk about the Mathematics of Juggling and future plans include James Grime and his enigma machine and also Kjartan Posskitt of Murderous Maths.

Students of all ages enter the UKMT national mathematics challenges: Junior, Intermediate and Senior with consistent success. Teams of more able Years 8-9 and Years 12-13 also take part in the UK Team Challenges. A group of about 30 sixth formers (and some Year 11) attend Maths Inspiration Lectures and the Further Mathematicians attend a Maths in Action day at Warwick.



JOB DESCRIPTION

POST OBJECTIVE:

To fulfil the teaching requirements as directed by the head of department, according to the overall aims of the school. To offer support to the learning and pastoral needs of individual students through the school's pastoral policy and the school's aims and values.

DUTIES:

- To be able to teach maths to all ages within the school according to their educational needs and levels of ability.
- The fostering of and support for the school's rules and guidelines, aims, values and ethos.
- To monitor, assess and report on pupils in accordance with departmental and school policies.
- To ensure the safety of pupils and staff in accordance with the school's Health and Safety Policy when being taught and making students themselves aware of safety.
- The ensuring of consistent marking, assessment, monitoring and recording in line with the school and department's policy on marking and recording for all term work and for all internal examinations.
- Liaison with the Head of Department to ensure that the progress of each student in Maths is monitored.
- To keep up to date with teaching methods via publications e.g. from the Maths Association.
- Attending weekly departmental meetings.
- Setting and marking of internal Maths examinations and tests.
- Taking part in the department's contribution to the Open Morning.
- To be willing to organise activities and events associated with the subject e.g. lectures, exhibitions, visits, clubs, societies etc. and organise pupil participation in internal and external events and competitions, as appropriate.
- To be willing to organise appropriate trips and other extra-curricular visits in accordance with the school's policy on trips.
- Contribute to a lively and stimulating environment within the Maths building and within the departmental rooms.
- The development of suitable materials, including making provision of appropriate use of IT within the department to help with teaching and learning.
- Contribute to and upload resources onto the school VLE.
- To contribute to the marking within the department of the entrance tests in Maths of all pupils applying for admission to the school.
- Participation in the department's contribution to the extra-curricular activities in the school.
- The attendance at all Parents' Evenings relevant to students taught.
- The preparation and writing of UCAS subject references for Year 12 students as relevant.
- The undertaking of other tasks relevant to the work of the department or the needs of the school, as these may arise (e.g. to serve as a form tutor, or cover an absent colleague's lesson when asked to do so).

- Participating in the Maths Masterclass provision by LHS for Year 6 Loughborough and Barrow schools.
- To mark and record all marks of taught groups from term work, tests and internal examinations.
- To assist in the formulation of the aims, objectives and policies of the department within the overall aims and policies of the school
- To contribute to the development of syllabuses, materials and schemes of work within the department and from time to time to review, with other departmental members, methods of teaching etc. to ensure implementation of any new requirements, maintenance of standards and new technologies.
- To contribute to the development of a stimulating learning environment including wall displays and to supervise the use and care of teaching rooms.
- To participate in and contribute to the general management of the school by promoting the ethos of the school, as detailed in the school's aims and values, and the rules and guidelines, and to contribute, when appropriate, to discussions on aspects of school policy, curriculum and organisation.
- To set work, as far as possible, when absent
- To take part in the development and consolidation of cross-curricular developments (e.g. IT. PSHCE) and partnerships.
- To take part in and lead trips and visits as necessary.
- To carry out a number of supervisory duties in accordance with rotas.
- To attend open events and entrance examination days, INSET and training as required.
- To undertake, where appropriate, other roles, which may arise either in the department or in the wider school environment.

Undertake other tasks relevant to the work of the needs of the school, as these may arise.



TERMS AND BENEFITS

- Salary will be dependant on experience and in accordance with LSF pay scale
- Employer contributing pension scheme
- Professional development
- Family friendly policies
- Child care vouchers
- Use of the Schools' Sports facilities
- Discounted school fees are available for your children
- Cycle to work scheme
- Chance to work on a green and comfortable campus
- Car parking
- Complimentary refreshments during the working day
- A complimentary lunch during term-term
- Employee Assistance Programme.



HOW TO APPLY

To apply, please download an application form and equal opportunities monitoring form and submit along with a covering letter addressed to the Head to; recruitment@lsf.org

