



QUI FACIT PER ALIUM FACIT PER SE

## THE PERSE SCHOOL, CAMBRIDGE

### Appointment of Teacher of Mathematics September 2012

Mathematics is a highly successful and growing department, and the position arises due to the increasing numbers of pupils studying Mathematics.

The majority of Mathematics teaching takes place in the new teaching block which was completed in August 2010. The department also benefits from its own departmental office and book store. Mathematics is taught in form groups in Year 7, and is then set by ability in Years 8 to 11. We follow the EdExcel IGCSE course and approximately one third of the pupils take IGCSE at the end of Year 10. These pupils then follow an Additional Maths course in year 11. In the 2010-11 Lower Sixth there are 2 A level Further Maths sets, 1 AS Further Maths set and 6 Single Maths sets.

The Perse bucks national trends with unusually large numbers of pupils studying Maths and Science 'A' levels. Significant numbers of students go on to read Maths and Engineering at University with a high proportion at Oxbridge. Class sizes are generally up to 24 in Years 7 – 11, with sets of up to 14 in the Sixth Form. The successful candidate will have a genuine enthusiasm for the subject, and be well placed to generate and sustain a high degree of motivation in all pupils, who are mainly of a high ability. The Maths Department achieves outstanding public examination results. In 2011 the department achieved 56% A\* and 30% A grades in A level Maths, 85% A\* grades in Further Maths and 92% A\* grades at IGCSE.

<http://www.perse.co.uk/sixth-form/academic-success/exam-results/>

#### **Accountability**

The Teacher of Mathematics is ultimately accountable to the Head through the Deputy Head (staff) but day to day accountability will be to the Head of Mathematics.

#### **The Perse School**

The Perse School, which was founded in 1615, is a charitable company and one of the country's leading independent day schools.

The Perse provides a high quality academic education with an emphasis on all round development. We regularly feature in the top 25 schools nationally, and are committed to producing happy and successful students. We educate boys and girls from 3-18 on three sites; the Pelican 3-7, the Prep 7-11, and the Upper 11-18. Children thus progress through three different schools, but have all the benefits of being part of one larger institution with an integrated curriculum and pastoral care system. There are currently 943 pupils at the Upper School. The permanent staff of the School is around 220, approximately 120 of whom are academic members of staff, and in addition there are about 45 peripatetic music, sports coaching and other specialist staff.

The School has undertaken an almost continuous programme of building works over the past decade. Two years ago a new Library, Art and Technology department and classroom building at the Prep and the Richardson Hall at the Pelican were completed. At the Upper School an extension to the Sports Centre providing a sports studio and further changing rooms was completed in January 2010, and a major new building providing 21 classrooms, a new library, a new ICT department and various support services was completed in August 2010.

Further details about the Perse, including its 396 year history, can be found at [www.perse.co.uk](http://www.perse.co.uk).

### **Timetable**

The School operates to a ten-day timetable cycle. Most members of staff teach about 59 periods per cycle including games sessions. The successful candidate will have a genuine enthusiasm for the subject, and will be well placed to generate and sustain a high degree of motivation in all pupils, whatever their ability.

### **Newly Qualified Teachers**

The School is fully accredited to participate in the ISC NQT Induction Programme in order to provide qualified teacher status.

### **Salary and Professional Development**

The Perse operates its own competitive salary structure, and the school is keen to recruit and retain high quality staff. There is a generous professional development budget, and staff are encouraged to undertake research and training that will both develop them and enhance the school's educational provision.

### **2010 ISI Inspection Report**

The Pelican, Prep and Upper were inspected during the spring of 2010. The inspection report can be viewed at

This job description is specific to the post of Teacher of Mathematics and additional to the generic job description of a Teacher at The Perse School. Further details about the school and the Mathematics Department may be found at [www.perse.co.uk](http://www.perse.co.uk).

### **Interviews**

Candidates will be invited to spend a day at the School and to meet the Head and Deputy Heads as well as the Mathematics Department. Candidates will be asked to teach a lesson as part of the selection process. The closing date/time for applications is **Monday 5<sup>th</sup> March at 14.00** and interviews will be on Friday 9<sup>th</sup> March.

## **POST TITLE: Teacher of Mathematics**

### **Qualifications**

- Good Honours Degree in Mathematics or related subject.
- PCGE desirable but by no means essential.

### **Skills and Experience**

- Exemplary classroom practitioner
- Empathy for pupils, parents, staff and the community
- Is committed to continual personal and professional development
- A sense of humour, can-do attitude, proven communication, organisational and interpersonal skills
- High order administrative skills, effectively manages commitments and deadlines
- Works collaboratively and supportively with colleagues within school and with colleagues in other organisations
- Capacity to inspire pupils of all abilities
- Respects and values the different experiences, ideas and backgrounds others can bring to work and to teams
- A generosity of spirit and a willingness to contribute to the extra-curricular life of the School
- Ability to motivate and encourage participation in activities both inside and outside the classroom and a willingness to take part in / organise trips and visits
- ICT competence

### **Responsibility**

#### Curriculum

- Teaching KS3, Mathematics to IGCSE, A level and Oxbridge entry standard
- Teaching throughout the school in a manner appropriate to students' ages and abilities
- Assessing and recording students' progress in accordance with departmental and school policies
- Preparing students for Oxbridge and other university applications in Mathematics or related subjects
- Promoting AS /A2 Mathematics to potential sixth form students
- Attending and contributing to departmental meetings
- Developing and sharing teaching and learning resources
- Monitoring the work and progress of pupils, including those with specific learning needs
- Maintaining professional skills through INSET and our Professional Development programme
- Being proactive in exploring innovative ways of delivering ICT
- Producing displays to create an attractive learning environment

#### Extra-curricular

- Contributing to the extra-curricular life of the school through Games, the Enrichment Programme or other appropriate commitment

#### Pastoral

- Taking part in the pastoral life of the school as a form tutor
- Contributing to the PSHE programme

Review

- The job specification will be reviewed by annually as part of the professional development cycle. Any changes can only be made by agreement with the Head of Department and Deputy Head (staff)

*Daniel Cross*  
*Senior Deputy Head*

*February 2012*