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THE PERSE SCHOOL, CAMBRIDGE

Appointment of Teacher of Physics September 2012

Physics is a dynamic and growing department which is led by Dr David Tricker. 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.

Physics teaching takes place in a suite of well-resourced, purpose built Physics laboratories. Physics is a core subject alongside Chemistry and Biology. All pupils currently take three separate sciences to IGCSE having completed a preparatory Physics course in years 7 and 8. We follow the CIE IGCSE course in years, 9, 10 and 11. At Sixth form we offer both A level (OCR Advancing Physics) and Pre-U. There are four sets in the Upper Sixth and five in the Lower Sixth. Public exam results in Physics are outstanding. In 2011 74% of 'A' level candidates achieved an A*/A grade, with 46% gaining A*. At IGCSE 92% of entries were awarded A*/A, with 81% gaining A*.

A very high proportion of The Perse School sixth form studies Physics and Sciences at A level. Large numbers of pupils go on to read Physics, Engineering and Natural Sciences at University with a high proportion at Oxbridge. There is a tradition of experimental work in the department and links with the HE sector are good.

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

Accountability

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

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.

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 Physics and additional to the generic job description of a Teacher at The Perse School. Further details about the school and the Physics Department may be found at 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 Physics Department. Candidates will be asked to teach a lesson as part of the selection process. The closing date/time for applications is **Monday 5th March at 14.00** and interviews will be on Thursday 8th March.

POST TITLE: Teacher of Physics

Qualifications

- Good Honours Degree in Physics 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, Physics 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 Physics or related subjects
- Promoting AS /A2 Physics 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