



PRAESTAT OPES SAPIENTIA

HAMPTON SCHOOL

JOB DESCRIPTION

TEACHER OF PHYSICS (FULL TIME OR PART TIME)

TO START JANUARY 2019 or APRIL 2019

JOB TITLE: Teacher of Physics
(Please note the position is ideally full time, however, part time applications will be considered)

REPORTING LINE: Head of Physics

ABOUT HAMPTON SCHOOL

Hampton is one of the country's foremost independent schools for boys and for nearly 460 years, has been helping boys to fulfil their potential and realise their aspirations. We are delighted that our examination results and university entrance record consistently rank among the very best achieved anywhere.

Hampton is a lively, friendly and caring community, where innovative teaching is underpinned by strong shared values and complemented by truly outstanding pastoral care. We aspire to enable our boys not only to make sense of the world but also to want to go out and improve it.

The School's examination results and university entrance record consistently rank among the best achieved anywhere, while our extensive range of co-curricular activities provides each boy with the opportunity to shine and the means to explore new interests. Nearly all Hampton leavers go on to undergraduate courses at Russell Group or equivalent universities. 20-30 boys are offered places at Oxford and Cambridge each year; an increasing number go on to study at US Ivy League universities, often on academic and sporting scholarships. Our alumni network is extremely strong and former pupils remain very interested in their School, in no small part due to the exceptionally warm and mutually respectful relationships enjoyed between Hampton staff and their pupils.

The remarkable range of co-curricular activities on offer here provides each boy with the opportunity to shine and the means to explore new interests. Nearly all leavers go on to undergraduate courses at elite UK universities or medical schools. Around 30 Hampton boys gain places at Oxford and Cambridge each year; an increasing number go on to study at American Ivy League universities, often on academic and sporting scholarships.

Situated on a green field site in a leafy suburb of South West London, we are fortunate to have over 27 acres of playing fields within our spacious grounds and a generous investment programme ensures that pupils and staff benefit from first-class facilities across all areas of School life. These include a state-of-the-art 3G sports ground, a large Sports Hall and The Hammond Theatre, along with an excellent library and specialist facilities for Art, Music, Science, Technology, IT and Languages. In terms of future projects, we are looking forward next to the opening of our new Sixth Form Study and Careers Centre in Spring Term 2019. The Millennium Boat House, shared with our neighbouring girls' school, Lady Eleanor Holles, enjoys a prime location on the

nearby River Thames and provides the focal point for our renowned and highly successful Boat Club.

Visitors from the Independent Schools Inspectorate (ISI) concluded in March 2016 that Hampton's academic and all-round excellence merited the rarely awarded ISI assessment of pupils' achievements and learning being 'Exceptional'. The inspection team's findings in all other areas were similarly pleasing and the highest possible judgements were achieved across the board. A copy of the full ISI report can be found on the School website.

We hope you share our vision for an inspiring, modern and exciting education. Further information for applicants can be found at <https://hamptonschool.org.uk/teachingathampton>

THE DEPARTMENT

The Department is staffed by 13 full time members of staff and two part time members. The subject is taught in six well equipped laboratories situated together along a ground floor corridor in the main school building. All have been refurbished in the past few years. All laboratories are equipped with a data projector to link to the teacher's laptop. Two of the labs are each equipped with 15 networked computers. The department also has access to a dedicated IT laboratory fully equipped with whole-class IT facilities. This greatly facilitates the use of Philip Harris and Pasco data-logging equipment plus other active IT applications in teaching. The Physics Staff Room and lobby area for book collections are situated centrally within the Department. Technical and logistic assistance is offered by one full time all-year senior technician aided by one full time term-time assistant.

Physics at Hampton is taught by subject specialists as a separate and distinct science from the start. In the First and Second Years Physics is taught in Form groups of one double period per week to which is added a single period in the Third Year. In the Fourth and Fifth Years the majority of boys are taught in mixed sets, but about 15% of the year group are taught in smaller support sets. All boys are entered for Edexcel IGCSE Physics and there is no Double Award. 24% of timetable time is given to Science (Physics, Chemistry and Biology). Results have been very good with 96% achieving A*/A in Physics IGCSE in 2018.

In the Sixth Form some 65 boys in each year group study CIE Pre-U Physics. The subject attracts a generous share of the stronger candidates in the School and in 2018 54% of candidates achieved a distinction grade (D1, D2 or D3, where D3 is roughly equivalent to an A grade). Sets average about 10 in size and do not usually exceed 12. These sets are taught by two teachers in parallel. We also offer a one year AS course (OCR Physics A) for those boys not wishing to commit to a full two years of Physics in the Sixth Form and this attracts about 15 boys each year. On top of this, extra classes are timetabled for Oxbridge preparation. We have an excellent record of success with at least half a dozen boys gaining places for Physics, Natural Sciences and Engineering at these two universities each year.

Outside the classroom there is a Robotics Club and other Physics-related co-curricular activities which allow boys to take their interests further and in their own time. Large numbers of boys are entered each year for the Institute of Physics Challenges and Olympiad.

Syllabuses

GCSE: Edexcel International IGCSE: Physics (4PH1) taken by all boys

Sixth Form: CIE Pre-U Physics (about 65 boys in each year group)
AS Physics - OCR Physics A (about 15 boys in the Lower Sixth)

MAIN RESPONSIBILITIES

This is a rare opportunity to join an energetic, forward-thinking and high-achieving department. Physics is a core subject up to IGCSE and approximately 150 Sixth Form pupils study either AS OCR Physics A or CIE Pre-U Physics. The department currently has 13 teachers and 2 technicians and the post would suit either a newly qualified teacher or a more experienced teacher seeking a new opportunity within an outstanding and highly academic School.

The successful candidate will be expected to teach around 30 (40 minute) lessons per week, which would potentially include a games afternoon and a form tutor period. The role involves planning appropriate lessons and dealing with marking and reporting. In this academically selective school, the challenges include stretching the most able up to Oxbridge level. Contribution to the wider life of the School is also expected from staff at Hampton.

Please note that there may be some changes and additions to the above, which will be discussed before implementation and changes may occur as the post develops. This document is designed to provide applicants with a "flavour" of the position and responsibilities.

NB The above is not meant to be an exhaustive or comprehensive list and the responsibilities of the post may change and develop in consultation between the post-holder and the Senior Leadership team.

PERSON SPECIFICATION

The successful candidate will be able to demonstrate the following skills, qualifications and experience.

- A commitment to the safeguarding and wellbeing of pupils
- A good honours graduate from a good university ideally in Physics but possibly in Engineering, Natural Sciences or Technology.
- An enthusiasm for Physics and the ability to convey this to pupils
- The ability to demonstrate characteristics of outstanding teaching practice
- A knowledge of CLEAPSS guidance and a genuine interest in helping pupils to develop safe Physics skills
- An awareness of the demands of teaching bright students and a commitment to fostering high academic achievement
- The ability to work independently and as part of a team and a willingness to contribute to departmental resources
- A professional approach which inspires confidence in pupils and parents
- Excellent communication and ICT skills
- Calmness and efficiency, with the ability to work under pressure at times
- Commitment to continuing professional development through attendance at INSET
- Commitment to the all-round ethos of the School, including its co-curricular activities and pastoral approach.
- A higher degree or experience of educational or subject-specific research
- A teaching qualification and/or some previous teaching experience is desirable
- The ability to develop and maintain effective relationships with all members of the School community and outside agencies

Salary and Non-Contractual Benefits

Remuneration will be commensurate with the seniority of the role and the experience and qualifications of the successful candidate.

The Hampton School Trust Governors also currently offer the following non-contractual benefits to teaching staff, subject to any terms and conditions and the School's eligibility requirements: private medical insurance (PHC); death-in-service benefit insurance policy; a Medicash healthcare cash plan; the Teachers' Pension Scheme, personal accident insurance, School fee remission, cycle to work scheme, lunch in private staff dining room, sports facilities and counselling.

SAFEGUARDING

The post holder's responsibility for promoting and safeguarding the welfare of children and young persons for whom s/he is responsible, or with whom s/he comes into contact will be to adhere to and ensure compliance with the School's Safeguarding Policy and Procedures at all times. If in the course of carrying out the duties of the post, the post holder becomes aware of any actual or potential risks to the safety or welfare of children in the School s/he must report any concerns to the Schools' Designated Safeguarding Person/s or to the Headmaster.

Equal Opportunities

It is the policy of Hampton School to provide equal employment opportunities for all qualified individuals; and, to prohibit discrimination in employment on any basis protected by applicable law, including but not limited to race, colour, religious creed, marital status, sex, sexual orientation, ancestry, national origin, age, medical condition or disability. Hampton School promotes equal employment opportunities in all aspects of employment through positive employment policies and practices.

If any special requirements are required to attend an interview, please inform the School.

Please note all appointments are subject to the Hampton School Trust Recruitment, Selection and Disclosure Policy and Procedure.

Hampton School Physics Department, November 2018