

PHYSICS TEACHER JOB DESCRIPTION

Job Title :	Physics Teacher
Line Manager:	Head of Department

Purpose of Job

Subject teachers are responsible for maximising the academic progress of the students they teach, working with colleagues to participate fully in the development of the department. Subject teachers promote a positive, purposeful and professional working atmosphere that encourages cooperation and challenge, whilst valuing the contribution that individuals make to the success of the department.

Duties and Responsibilities

- Encourage high standards in all aspects of school life, particularly in student progress
- Contribute to the effective and efficient running of the School
- Promote a school culture which is positive, purposeful and professional
- Support and motivate students, teachers and other school employees
- Encourage consultation, review and improvement

Responsibilities in the Classroom

- Plan and prepare well-structured, clearly presented lessons appropriate to the abilities of all students and the syllabus being taught
- Make sure that the classroom is a stimulating environment that facilitates learning
- Generate enthusiasm for the subject being taught and inspire all students to work to their potential
- Liaise with the Head of Department and Learning Support where a student may have special educational needs and with the Form Tutor and Head of House if a student is experiencing pastoral difficulties
- Promote high standards of behaviour by encouraging a positive, proactive approach to study and build productive relationships with students
- Set homework according to policy and pertinent to the student's ability and wider work load
- Assess student's work accurately and regularly, giving thoughtful and meaningful feedback
- Promote high standards of organisation
- Be punctual to lessons
- Promote high standards in the use of English as the common language and help develop English for Academic Progress

Administrative Responsibilities

- Be respectful of the needs of colleagues and the department with regards to cooperation, collegiality, deadlines and team cohesion
- Improve, update and maintain materials and resources as needed
- Complete written assessments and reports according to guidelines and deadlines

Responsibilities to Parents

- Provide high-quality, accurate, constructive and targeted information to parents at Parents' Evenings, in subject reports, incidental meetings and communications

- Assess, record and monitor the progress of all students according to faculty guidelines in order to provide accurate information to parents in a variety of forms, as and when necessary

Responsibilities to the Department and School

- Participate positively in departmental meetings, follow policies and generally contributing to the effective and efficient running of the department
- Promote professional dialogue, share ideas about teaching and learning and support other teachers in developing good practice and new approaches and initiatives
- Take part in, and contribute to, INSET activities offered in the department and by the School
- Enthusiastically contribute to cross-curricular links and initiatives, and Leadership in Action activities
- Be involved in new responsibilities within the department as part of an ongoing process of professional development
- Keep up to date with developments in the Subject, and in education generally

Other Responsibilities

- Plus any duties that the Head Master deems necessary for the effective operation of the School

Required Qualifications, Knowledge, Skills and Personal Qualities

- Appropriate degree, with UK PGCE, or other teaching qualification giving QTS
- Minimum three years' teaching experience
- Familiarity with the National Curriculum of England (Plus IGCSE/GCSE and/or A Levels as appropriate)
- Passion for teaching and commitment to educating the whole child
- A high level of professionalism and consideration of the well-being of children
- Recent and consistent involvement in extra-curricular activities
- Respect for all members of a school community, irrespective of position, gender, age and ethnic background
- Previous experience working with students for whom English is not their first language
- A positive and solution-focused attitude to working life
- A clean enhanced Disclosure and Barring Services check or police check (for applicants who have never worked in UK) and no question regarding suitability to work with children

Whilst every effort has been made to explain the main duties and responsibilities of the post, each individual task undertaken may not be identified. The post holder will be expected to comply with any reasonable request from the line manager to undertake work of a similar level that is not specified in this job description. This job description may be amended at any time following discussion between the line manager and member of staff, and will be reviewed annually.

PHYSICS TEACHER JOB SPECIFICATION

Physics Department

The Physics Department is part of the Science and Physical Education Faculty at Harrow International School Bangkok which also includes Biology, Chemistry and Physical Education. We pride ourselves on the quality and breadth of our practical curriculum and our students work in well-resourced labs with modern ICT facilities which we use extensively.

Courses and examination boards

We currently offer the following qualifications within the Physics department:

- IGCSE Physics (CIE 0625)
- A Level (CIE 9702)

Physics is a very popular choice at IGCSE with an intake of around 70% of KS4 students, typically in at least six classes per year group. At A Level, we have approximately four classes for each year group with around one third of our Sixth Form studying Physics. The vast majority of our A2 Physics students will apply for a broad range of engineering courses which is the most popular choice for undergraduate study. Around 30% of Year 13 typically apply for engineering based undergraduate degrees at a wide range of the top universities and colleges.

Academic results

Academic results in Physics IGCSE are excellent with well over 80% of students achieving an A*/A at IGCSE last year. At A level, last year students gained 73% A*/A grades. We accredit our success to a deep understanding of the examination process and continuously striving to provide engaging and relevant learning experiences for our students.

Department staffing

We currently have four full-time Physics teachers and a dedicated Physics technician. We share the teaching of Year 9 to 13 classes between us rotating able and less able groups each year. A Level teaching is split between two teachers for each group and teachers elect which half of the syllabus they would prefer to teach. Physics teachers may also teach some general Science in the Prep Phase (Years 6-8).

Desirable skills and attributes for Physics teachers at Harrow Bangkok

- Our expectation is that Physics is taught through practical experimentation and colleagues who are committed to this ethos are encouraged to apply
- We are prolific users of ICT and whilst technical competence is preferred, the confidence and desire to develop new strategies for learning and assessment is essential
- An ability to contribute to our development of new experimental procedures and demonstrations
- A commitment to lifelong learning in the study of Physics
- A willingness to share resources communally with all members and to assist in maintaining a collegiate and supportive environment for all
- Experience of teaching the full A Level syllabus, preferably with the Cambridge International Examination 9702 A Level and 0625 IGCSE

Harrow International School Bangkok is committed to the safety and protection of children.
All employees are expected to comply with our School Child Protection and Safeguarding Policy.

- An awareness of the needs of EAL learners as the majority of our students are non-native English speakers; a knowledge of the strategies used to support and scaffold students' language development is beneficial
- The ability to extend able students beyond the A Level syllabus, such as through the recommendation of extension reading materials
- The ability to write academic references and letters of recommendation for Sixth Form students as part of their university application process, including supporting students with the writing of personal statements
- A willingness to help prepare students for the Oxbridge interview process
- A willingness to take part in subject-related extracurricular after school activities including the Engineering Society and the Physics Olympiad
- A willingness to offer regular revision sessions for students outside of normal teaching hours (at lunchtimes and after school) in the lead up to examinations