COMPUTER SCIENCE TEACHER JOB DESCRIPTION

Job Title :	Computer Science 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 co-operation 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 Department 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 studying and build productive relationships with students
- Set homework which is appropriate to the student's ability and their wider workload, following School policy
- 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 regarding co-operation, collegiality, deadlines and team cohesion
- Improve, update and maintain materials and resources as needed
- Complete written assessments and reports according to guidelines and deadlines

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.

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 to provide accurate information to parents as required

Responsibilities to the Department and School

- Participate positively in departmental meetings, follow policies and contribute to making an effective and efficient 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 department and whole School INSET activities
- Enthusiastically contribute cross-curricular links and initiatives and Leadership in Action activities
- Be involved in new responsibilities within the department as part of an on-going process of professional development
- Keep up to date with developments in the Subject, and in education generally

Other Responsibilities

- Undertake other reasonable duties as requested by the Head of Department, Head of Faculty or members of the Senior Leadership Team
- 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.

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COMPUTER SCIENCE TEACHER JOB SPECIFICATION

The Computing Department

The Computing Department at Harrow International School Bangkok is an innovative and exciting department to work in with a strong reputation in the region. As part of the Mathematics and Computing Faculty, we teach a challenging curriculum, incorporating both Computer Science and ICT from the beginning of Prep (Year 6) through to A Level. The Computing Department is striving to produce a curriculum that is relevant to today's students with innovative ideas and exciting materials that will put Harrow Bangkok on the educational map in this subject area.

We recently hosted the first ever academic Job Alike Workshop (JAWS) Computing conference at Harrow Bangkok, where over 30 FOBISIA computing teachers from all over Asia took part.

Courses and Examination Boards

We currently offer the following examinations within the Computing Department:

- IGCSE ICT (CIE)
- GCSE Computer Science (AQA)
- International A Level Computer Science (CIE)

Academic Results

Academic results in the department are outstanding. Last year 100% of A level students gained A*/A grades, a first for the school in this subject. Since 2015 in every Computer Science exam series where Harrow has entered students we have had a student with the highest score in Thailand – a record we are very proud of. Many of our students go on to study the subject further at university.

Department Staffing

We currently have three full-time Computing teachers and a School senior leader who also teaches the subject.

Desirable Skills and Attributes for Teacher of Computer Science

- Excellent and effective communication skills
- Ability to continue to raise the profile of Computing in the school
- Ability to extend high-flying students beyond the age-specific curriculum and develop suitable intervention strategies to suit their needs
- Ability to teach IGCSE and A Level Computer Science
- Ability to teach IGCSE and A Level ICT
- A passion for the new Computing curriculum
- A competent programmer up to A Level standard (preferably in Python) who should be able to teach object oriented programming and have a good understanding of ADTs such as stacks, queues, hash tables and binary trees
- 'Computing at School' member or Master Teacher
- 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 would be beneficial)

- The ability to extend and motivate able students to go beyond the IGCSE and A Level syllabus
- A willingness to take part in subject-related extra-curricular after school activities including the Programming Club and Harrow Tech Leaders Club
- A willingness to offer regular revision sessions for students outside of normal teaching hours (at lunch times and after school) in the lead up to examinations
- An enthusiasm to continue learning and improving own knowledge in computing and teaching