



JOB DESCRIPTION

Job Title:	Head of Computer Science	Department:	Computer Science
Hours of Work:	Full time. Remission of 2 periods and 1.5 Management points		
Responsible To:	Assistant Head Curriculum	Responsible For:	Teacher/s of Computer Science

Summary of Role:

We are seeking a well-qualified and dynamic teacher to lead the continued development of Computer Science in this busy and successful school. With the introduction of Computer Science as a discrete subject and the offering of the qualification at GCSE and A Level, an ability to impart a passion for the subject and to teach at all levels from KS3 to A level is required.

The department currently has three teaching members of staff; the successful applicant must be a good team player alongside their specific leadership responsibilities.

The successful applicant should have a broad understanding of new emerging technologies & computational theory and be committed to teaching all parts of the curriculum in an imaginative and innovative manner.

Computer Science is taught as a discrete compulsory subject in Years 7 – 8 and as an option in Year 9. In Year 10 girls can opt to study OCR Computer Science. Results in the department are good and students have achieved 100% A*-A at A Level in the last two years.

At Woldingham we have exceptionally good computer facilities, with over 300 networked PCs distributed over the campus. Currently students in Years 7-10 rent a device through the school and all students use Microsoft tools such as Teams and OneNote to support their learning. There are two well-equipped dedicated computer suites with scanners, colour, A3 laser printers, interactive whiteboards, and projectors with full Wi-Fi coverage. In addition, there are smaller suites situated in many teaching areas and in the libraries. Additional resources include wireless device connection to our whiteboards, digital cameras, video recording facilities and a state-of-the-art music technology centre.

Objectives

- (1) **QUALITY ASSURANCE:** To secure and maintain high standards of teaching and learning in the subject. To ensure that the quality of the educational experience provided within the department for all pupils, regardless of ability, serves as a positive advertisement for Woldingham School.
- (2) **PUPIL ASSESSMENT AND MONITORING:** To establish maintain and review practices for the close monitoring of every individual pupil's progress.
- (3) **LEADERSHIP OF STAFF:** To support, guide and motivate all teachers within the department. To work closely with the School Leadership Team (SLT) to identify, anticipate and resolve any problems affecting the morale of the staff in the department and their ability to perform their jobs to a high standard. To take an ongoing interest in the professional development of all staff in the department.
- (4) **EFFECTIVE STRATEGIC THINKING:** To continually evaluate the effectiveness of teaching and learning practices, schemes of work, qualifications and courses on offer in order to ensure that pupils are always being provided with the best learning opportunities available. To identify and anticipate needs in the subject and consider these in relation to the overall needs of the school.

- (5) RESOURCE MANAGEMENT: To ensure that human and other resources within the department are always employed to maximum positive effect.
- (6) MARKETING AND PUBLIC RELATIONS: To work closely with SLT and the Marketing Department to advertise the strengths and achievements of the department and the school.
- (7) CONTRIBUTING TO WHOLE SCHOOL LIFE: To share in all aspects of school life.

Under Objective 1

- To hold regular fortnightly department meetings which include routine sharing of good practice and resources.
- To clearly communicate the teaching and learning standards and objectives of your department and the whole school to all members of staff under your leadership.
- To develop an atmosphere of intellectual enthusiasm and the open sharing of ideas and good practice within your department.
- To carry out a regular annual calendar of quality assurance activities within the framework laid down by the school.
- To respond to concerns regarding any aspect of the teaching of a member of department with swift, effective and fair quality assurance activities.
- To ensure that the appropriate members of SLT are kept promptly and fully informed of any serious quality assurance concerns.
- To ensure that appropriate differentiation is occurring in all classes within your subject.
- To ensure that – both within and outside the classroom – those pupils that show a particular aptitude for or interest in your subject are provided with appropriate opportunities for academic extension and enrichment.
- To have a clear and practical set of strategies in place for dealing with underachieving pupils in your subject.

Under objective 2

- To ensure, through standard quality assurance activities, that assessment is being carried out according to the criteria laid down in the academic section of the staff handbook.
- To work with the Assistant Head Curriculum to use baseline data such as CEM test scores and predictions to inform teaching and learning, grade predictions for pupils, setting/banding of pupils and intervention to support underachieving pupils.
- To ensure that all reports produced by members of the department meet the criteria laid down in the academic section of the staff handbook.

Under objective 3

- To ensure that all the staff under your leadership – particularly those who are new to the school – know what is expected of them.
- To ensure that any new members of your department know where to access all the information they need and are closely monitored and supported during their initial months.
- To support staff who are facing a challenge in a particular area of their teaching with a professional blend of firm direction and emotional support.
- To get to know the particular strengths and interests of your staff and to ensure that these are recognised, employed and developed.
- To ensure that staff CPD is a part of your annual cycle of quality assurance. To have a clear record of which INSETS and CPD opportunities your staff are attending.
- To encourage and develop particular responsibilities among your staff (e.g. key stage coordination, ICT development and training responsibility, G&T responsibility etc) but also to be sensitive to the risk of overloading.
- To take responsibility for, and work with SLT to successfully intervene in, any tensions that arise among the staff under your leadership.

Under objective 4

- To continually review the effectiveness of all of the following:
 - i) The courses offered by your current exam board in relation to those on offer from other exam boards.
 - ii) The qualifications currently pursued by your pupils in relation to any others on offer for the equivalent age/ability groups.
 - iii) Departmental SoWs for each year group.
 - iv) Departmental trips, visiting speakers and other such enrichment activities.
 - v) Technologies, textbooks and all other non-human resources used by the department.
 - vi) Teaching practices employed within the department.
- To communicate any proposed strategic changes to the appropriate members of SLT in a clear and concise fashion that sets out the advantages, costs and risks of any proposed change.
- To be open to new technologies and teaching practices that are proposed by others, whether from within or outside your department.
- To make use of student-voice when undertaking strategic reviews.

Under objective 5

- To nurture the staff under your leadership as laid down under objective 3.
- To review physical resources as laid down under objective 4.
- To ensure that, as far as possible within whole-school timetabling constraints, the departmental timetable is employing all staff where their particular strengths and enthusiasms will have the most positive impact.
- To anticipate future resource needs (whether staffing or non-human) as accurately and early as possible, so as to aid whole-school recruitment and budgetary processes and help ensure that your needs can be effectively met by SLT.
- To liaise closely with the Library Manager, and to keep abreast of paper and electronic resources in your field, to ensure that students have access to – and training in – research opportunities beyond the use of standard textbooks etc.

Under objective 6

- To ensure that the profile of your subject is sufficiently prominent, both within and beyond the school, through strategies.
- To use academic enrichment events and/or subject-related societies to combine academic benefit for the pupils with effective marketing for your department and the whole school.
- To ensure that your department contributes fully to the positive image of the school on occasions such as Open Days - through careful preparation of the staff under your leadership, of physical displays and resources and of any activities on offer to visitors.
- To ensure that the department is well organised for the preparation and marking of Sixth Form entrance and scholarship papers (where necessary).
- To ensure that all requests for the updating of course booklets and other materials for existing and prospective parents are responded to with due care and attention and carried out to-deadline.
- To ensure that all your staff are well prepared for parent-teacher meetings.
- To ensure that any staff absences from parent-teacher meetings are, as far as possible, flagged up in advance, and that any absences are compensated for by swift and useful communication to parents both before and after the event.
- To ensure that any communications from parents (whether direct to you or passed on from Heads of Year or SLT) are dealt with in a prompt and thorough manner.

Under objective 7

- To communicate with SLT regarding whole school developments or procedures in a way that is honest but constructive.

- To be sensitive to whole-school perspectives when engaged in dialogue concerning allocation of time or physical resources for your department.
- To take an active and positive role in whole-staff sharing of educational ideas and initiatives. To encourage the staff under your leadership to do the same.
- To undertake any additional duties, as laid down by school policies (e.g. study supervision) or as reasonably requested by the Headmistress.

PERSON SPECIFICATION

Essential	Desirable
Operational Excellence	
<ul style="list-style-type: none"> • Experienced teacher with a proven track record of success. • Someone who is able to teach Key Stage 3 to A Level. • A good working knowledge of programming languages such as Python, Java or similar is mandatory. • The ability to show an interest in the welfare, happiness and professional development of those under your leadership. • Fluent and accurate written and spoken English. 	<ul style="list-style-type: none"> • Well qualified graduate with a degree in Computer Science or closely related subject. • Ability to teach a second subject
Personal Behaviours	
<ul style="list-style-type: none"> • The ability to communicate effectively with a range of staff, pupils and parents. The ability to defuse potentially difficult communication problems. • The ability to anticipate and solve problems, making decisions within the wider context of whole school. • The ability to plan time effectively, organise oneself and balance strategic development with day-to-day events. • A team player who can adapt to unforeseen challenges while maintaining their professionalism. 	
Ethos and Whole School Values	
<ul style="list-style-type: none"> • An enthusiasm for the subject area and an ongoing interest in developments within it. A clear vision of how the department should develop over the next few years with the ability to communicate this to staff and pupils under your leadership. • Able to operate at the heart of the school community. • Committed to the Sacred Heart Values. • Commitment to Woldingham as a school with high academic standing providing a holistic education and outstanding pastoral care. 	
Safeguarding and Pastoral	
<ul style="list-style-type: none"> • Committed to safeguarding and promoting the welfare of children and young people. • A satisfactory Enhanced Disclosure from the DBS. 	

Leadership and Management	
<ul style="list-style-type: none">• The ability to lead and manage people to work towards a common goal.• Willingness to foster an environment where colleagues can grow and fulfil their personal ambitions.• Maintain and execute a short- and long-term vision for the department.	