

COMPUTING at St George's College, Weybridge

The Computing team is a forward-thinking and successful department which benefits from strong and supportive leadership. We are looking to appoint someone who is enthusiastic about Computing and enjoys teaching the subject to all levels and abilities. The capability and willingness to teach to GCSE and A Level is essential and there is an expectation to take on some specific responsibility within the Department. The post will commence on 1 September 2017.

We are now in the third year of delivering Computing, with our first-ever Sixth Form class in full flow, having started last September. The main programming language for GCSE and A Level is Python, so a high level of competence in this language is essential. Alongside this, familiarity with HTML and CSS, JavaScript, LMC, SQL, Qt and Adobe Creative Cloud is advantageous.

In Key Stage 3, students receive one lesson (50 minutes) weekly and study a range of projects. The theory of binary numbers and computer systems is learnt along with BYOB, Game Maker and JavaScript. At GCSE level, there are three lessons weekly and this rises to seven at A Level. Numbers of students taking the course are solid; students are given a clear understanding as to the opportunities and demands of the course.

This is a department which achieves high results, where the ethos is founded on teamwork between teachers and in positive, helpful relationships with students. At GCSE, students have started the OCR J276 specification. Results from the first cohort last year were outstanding with a 100% A*- B grade success rate of which 50% of grades were A*. One student scored full UMS marks across the three units. The A Level students are working towards the OCR H446 qualification; they take every opportunity to further their knowledge and are currently competing in the Cyber Centurion competition. Support for students applying to Oxford and Cambridge is provided. Members of the department are expected to contribute to the various activities available, including surgeries and revision classes to support GCSE and A Level students, as well as sessions for Controlled Assessment.

Students are offered a variety of ways to learn, e.g. with hands-on projects, practical exercises, online programming environments and paired programming. The department is very well resourced with BBC Microbits, Android phones and a range of software. The VLE is used extensively, both for resources and to set homework tasks and track achievement. There is a department office and teaching takes place in Computing classrooms, all of which have a projector, speakers, IWB and headphones.

Continuous professional development is crucial in this fast-moving subject. Members of the department are encouraged to keep updated on the examination system and attend conferences and courses. We feel that an enthusiasm for learning new skills helps us to engage our students and keep lessons fresh and relevant. We aim to give students the familiarity and confidence in using industry-standard techniques and so prepare them well for their future.

ADDITIONAL SPECIFIC RESPONSIBILITIES

- a)** To be a Tutor to an assigned Tutor Group and to carry out related duties in accordance with the general job description of Group Tutor including implementing the PSHE programme.
- b)** To carry out supervisory duties in accordance with the DH Staff's Supervision Rota. This amounts to the equivalent of 1.5 Term's worth of duties, spread throughout the 3 x Terms. Duties are scheduled to avoid clashes with other areas of responsibility.
- c)** To make a significant contribution to non-departmental extra-curricular activities, in addition to the above. Core contribution is defined as the equivalent of 1 x Term's Saturday Sport; this can be met in a variety of ways, including 1 x evening of contribution across 3 Terms, depending on the nature of the activity. Co-curricular contributions which exceed this can be eligible for additional remuneration but this will need to be negotiated with the Head of Co- Curricular and DH Staff, once in post.
- d)** The school has a House system and all staff are members of a House and expected to support its activities.

CONDITIONS OF SERVICE

The salary will be dependent upon experience and qualifications. The College participates in the Teachers' Superannuation Scheme. The College adheres to the current statutory requirements for retirement procedures

APPOINTMENT PROCEDURE

A completed Application Form, C.V. and a brief covering letter, together with the details of two referees should be forwarded to:

The Headmistress; St George's College Weybridge, Weybridge Road, Addlestone, Surrey KT15 2QS or by email to: headmistress@stgeorgesweybridge.com.

Successful applicants may be interviewed as and when applications are received.

St George's employs personnel who are best qualified for the post without any discrimination in favour or race, colour, gender or national origin. All staff must be able to support the Mission Statement of the school.