

St George's School  
Harpenden

Application Pack for Candidate

# Computing Teacher

Full-time/Part-time  
Required for September 2026



**Outstanding** in all areas - *Ofsted (March 2025)*  
**Outstanding** in boarding provision - *Ofsted (September 2023)*



# About St George's Computing Department



In an increasingly digital world computing/computer science is no longer a specialist subject but an ever present aspect of our lives. At St. George's, we believe it is vital that pupils are knowledgeable about the influence of the computer systems that they interact with and skilled in the application and use of the technology they are required to use now and in the future. Computer science is an excellent opportunity to investigate how computers work and how they're used, and to develop computer programming and problem-solving skills.

In year 7 and 8 the computing curriculum has two aims. The first is to introduce pupils to the key principles of computer science. Pupils learn to use multiple programming languages through creative and collaborative projects that enable them to explore and enjoy the topics they are learning. Each topic aims to build upon and reinforce previous topics.

The second aim is to develop digital literacy, the ability to use information and communication technologies to find, evaluate, create, and communicate information. This includes the digital tools needed to access their secondary education eg email and google classroom as well as word processor, presentation and spreadsheet skills. Students apply their knowledge to cross curricular projects such as writing for social media or using graphics software to design a logo, using both teacher and peer feedback to modify and refine their ideas.



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Throughout the course pupils explore the advantages and limitations of the technologies they are using and the benefits and hazards that they encounter in a digital world. Pupils are taught the importance of protecting their data and reputation online and allowed to explore the social ramifications of new and emerging technologies such as facial recognition, automated vehicles and advances in robotics. By the end of year 8 pupils should be confident and experienced users of technology able to apply that knowledge to their next phase of learning or in the future workplace. Year 7 and 8 pupils are regularly assessed on their work through a combination of end of topic quizzes and project work.

In year 9, pupils follow a course designed to prepare pupils for the rigours of GCSE, this allows them to make an informed decision when selecting their options at the end of year 9. The course has been designed not only to allow for a solid basis of understanding, but to engage learners and get them thinking about the real world application of Computer Science. This course provides learners with opportunities to become familiar with how computer systems actually work alongside developing their computational thinking, algorithms and programming skills. Formative assessment is carried out for every topic using quizzes and crosswords, and summative assessment takes the form of two exam papers which are scheduled for mid-year and an end of year and a coding project.



# About St George's Computing Department



During KS3 pupils are taught in mixed ability groups for 1 hour a week. Prep is set once every other week and will not require any specialist equipment or programs, it will usually be to research and plan for an upcoming project or complete a quiz or worksheet.

Pupils follow the 'GCSE (9-1) Computer Science' course from OCR (J277).

This course encourages students to

- understand and apply the fundamental principles and concepts.
- analyse problems in computational terms through the practical experience of solving such problems.
- understand the components that make up digital systems.
- understand the impacts of digital technology on society.
- develop valuable thinking and programming skills that are extremely attractive in the modern workplace

The course also allows pupils to make an informed decision about their A-level options at the end of year 11. Formative assessment is carried out for every topic using worksheets, quizzes and topic tests. Summative assessment takes the form of an end of year exam and mock exam. Prep is typically set once a week.

Pupils follow the 'A Level Computer Science' course from OCR (H446).

This course encourages students to

- understand the fundamental principles and concepts of Computer Science.
- apply academic principles to real world systems.
- solve problems using computational thinking and programming
- understand logic, algorithms and data representation.
- use mathematical skills.

Formative assessment is carried out for every topic using worksheets and topic tests. Summative assessment takes the form of an end of year exam and mock exam. Prep is typically set once or twice a week.

# About the Role



We require a well-qualified and enthusiastic **Computing Teacher** with excellent classroom skills and a desire to teach across the age and ability range. The successful candidate will teach Computing **up to A Level**.

**There will also be possibility to apply for a TLR Subject Lead responsibility for a suitably experienced candidate in due course.**

Ideally, you will be able to offer Maths as a second subject at KS3. However, we welcome applications from those who can offer an alternative second subject.

This is a **full-time** position commencing in **September 2026**, although part-time working may be considered for the right candidate.

The successful candidate should be passionate about enabling students to achieve their very best, inspiring them through positive role-modelling and encouragement.

This post will suit ambitious ECTs or current members of the profession who want to join a school offering very high academic standards within a supportive, traditional and disciplined environment.

Please refer to the job description attachment for further details.

