

# Rutlish School



## Computer Science Teacher

### Job Information Pack

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*Deadline: 10.00am on Tuesday, 16<sup>th</sup> April 2024*



# RUTLISH SCHOOL

Watery Lane, Merton, London SW20 9AD

Telephone: 020 8542 1212

Headteacher: Ms Laura Howarth

## Computer Science Teacher

**Salary:** Inner London Pay Spine  
**Proposed Start Date:** September 2024, or sooner if possible  
**Contract:** Full-Time / Permanent

Are you looking to accept your next challenge? Would you thrive in an **outstanding school** where staff work with colleagues in making a real difference to the lives of young people? If so, Rutlish School has an exciting opportunity for an enthusiastic teacher who has a genuine passion for the subject and enjoys working as part of a highly effective team.

What we can offer:

- Experience of working in an “Outstanding” oversubscribed school: In April 2017, Ofsted rated Rutlish as “Outstanding”. In April 2022 Ofsted carried out a Section 8 inspection and confirmed there has been no change to the overall judgement of outstanding. In 2019 Rutlish was ranked as the top non-selective State funded boys’ school in England, based on the progress students made between KS2 and KS4. In addition, our Sixth Form students were ranked in the top twenty for non-selective State funded boys’ schools in England.
- The School is set in a conservation area close to Wimbledon town centre, with excellent transport links for London Underground, British Rail, bus and tram routes. There is also ample free on-site parking for staff.
- Benefits of working for Merton include; Pension Scheme, access to the Employee Assistance Programme for you and your family, discounted membership to Merton leisure centres, employee discounts on a range of leisure activities, from days out to magazine subscriptions, as well as hair and beauty treatments, courses at Merton Adult Education, entertainment events and discounts at local restaurants. You could also benefit from Merton’s cycle-to-work scheme and have free membership to the Old Rutlishians Association which has events such as live acoustic nights and comedy nights.
- The benefit of regular CPD.

If you have a commitment to achieving high standards and would like to join our dynamic team, then we look forward to receiving your application. A Job Information Pack and application form can be found on the school website [www.rutlish.merton.sch.uk](http://www.rutlish.merton.sch.uk)

Completed application forms should be sent to [jobs@rutlish.merton.sch.uk](mailto:jobs@rutlish.merton.sch.uk) by **10am on Tuesday, 16<sup>th</sup> April 2024**

Please note, suitable candidates will be shortlisted and invited to interview upon receipt of a completed application form, which may precede the deadline.

**No Agencies or CVs please as these will not be considered for shortlisting**

*We are committed to safeguarding the welfare of children, therefore all applicants are required to undertake an Enhanced Disclosure & Barring Service check. We fully support the London Borough of Merton’s Equal Opportunities Policy.*

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# Computing at Rutlish



## OUR AIMS:

As a Maths and ICT Specialist School, the Computer Science department fulfils a significant role in the school. The teaching staff are specialist Computer Science teachers who work very hard to improve standards and deliver an interesting and stimulating curriculum.

## STAFF AND FACILITIES:

The department is located in the newest part of the school and occupies a range of 5 spacious and very well equipped, air-conditioned rooms. All Computer Science rooms are equipped with interactive white boards, scanners, printers and digital projectors. The facilities are excellent and the environment exudes a very professional feel.

## KS3:

**In Year 7** students learn and apply the skills and capabilities as outlined in the New National Curriculum for Computer Science. In the Autumn Term students are introduced to the school's network and Virtual Learning Environment. Students learn about E safety - how to stay safe when using the Internet. Students continue to build their Computer Science skills throughout the year, by working on various projects that includes; programming using Python, Introduction to computer hardware and software, Data representation and web design.

**In Year 8** students continue to build on the skills and knowledge they have acquired in Year 7. In the Autumn Term students use Photoshop to manipulate images, using a variety of design tools. Students continue to build their Computer Science skills throughout the year, by working on various projects that includes; web design using HTML coding in Notepad and Python programming. Students learn about networks and continue to build their knowledge and understanding of binary.

**In Year 9** students continue to build on the skills and knowledge they have acquired in Year 8. Students prepare for GCSE Computer Science by working on two programming units with a focus on the Python programming language. For the remainder of the year, students focus on learning topics such as Web design, sorting and searching algorithms, animation and they complete the GCSE topic Binary representation.

## KS4:

### GCE COMPUTER SCIENCE - 1 GCSE

Students study the OCR GCSE Computer Science syllabus. The course consists of two theory papers. Students build on their theory knowledge of hardware, software, networks, data representation and Python programming. Students who gain a grade 4 minus at the end of Year 9 can opt for Computer Science at GCSE.

### iMedia – equivalent to 1 GCSE

Students study the OCR Creative Interactive iMedia course. This course enables students to plan and create a variety of interactive products such as websites, animations and digital graphics.

## KS5

### GCE Computer Science - 1 GCE

Students study the OCR Computer Science syllabus. The course consists of a Non-Examined Assessment (20%) and two theory papers (40%) each. Students use Pycharm to program a computer game. Students continue to build on their theory knowledge of Computer Science by studying topics such as Networks, Data types, System software and development and Data structures to mention a few.

**EXPECTATIONS:**

The overriding objective of the department is that teacher's want to use their expertise and experience to deliver high quality, motivating lessons to bring this vibrant subject alive, making teaching and learning Computer Science both exciting and rewarding for all.

The successful candidate will be invested in developing and contributing to innovative schemes of work that will deliver a curriculum offer that equips students for the future. A drive for innovation and a desire to further enhance this outstanding department is of utmost importance.

# Rutlish School

## Job Description



**Post:** Computer Science Teacher  
**Responsible to:** Head of Department  
**Responsible for:** Progress of students

The key tasks of all teachers is to deliver high quality teaching and learning in the classroom, ensuring good quality planning, marking and record keeping. All teachers are tutors.

The successful candidate will be expected:

- To teach Computer Science at KS3 and KS4; the ability to also teach KS5 would be an advantage, carrying out the professional duties of a school teacher in accordance with the current provisions of the Conditions of Employment of School Teachers.
- To effectively plan and deliver lessons in accordance with the Department's Scheme of Work and National Curriculum requirements.
- To regularly assess and record students' performance, reporting to the Head of Department and to parents as required, and advising on examination entries as appropriate.
- To contribute to departmental and whole school development, participating in departmental and staff meetings as appropriate.
- To undertake a share in the corporate responsibility for the wellbeing and student behaviour management.
- To undertake whole school duties on a rota basis, such as break-time supervision as directed.
- To participate in the performance management system.
- To implement school policies.
- To be prepared to undertake continuing professional development.
- To undertake duties as a tutor, including keeping an accurate attendance register, ensuring proper records are kept and attending to the welfare and guidance needs of the tutor group.
- To meet with parents on a regular basis in order to discuss the progress of students taught, and the progress of students in the tutor group.

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## Person Specification



**Post:** Computer Science Teacher  
**Responsible to:** Head of Department  
**Responsible for:** Progress of students

### Experience:

- Qualified Teacher Status (QTS) with a valid 11-18 teaching qualification
- Well qualified Computer Science specialist
- Ability to teach KS3 and KS4 with the ability to teach KS5 desirable
- Excellent teaching skills
- Whole School Literacy initiatives
- Proven skills in effective classroom management

### Specific Skills:

- Up-to-date knowledge of current educational developments in Computer Science
- Enthusiasm for Computer Science
- Ability to raise standards
- Good relationships with students and staff
- Ability to communicate effectively orally and in writing
- A clear grasp of Assessment, Recording and Reporting (including target setting)

### Personal Qualities:

- Desire to learn
- Highly motivated
- Flexible and risk-taking personality
- Excellent communications skills
- Good organisational and inter-personal skills
- Ability to work within a team
- Ability to lead and manage people and resources
- High expectations of self and others
- Commitment to enrichment and enhancement activities

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