



The Collegiate Trust  
Exceptional Education for All

# Teacher of Computer Science

## Information for Applicants

|                     |  |
|---------------------|--|
| <b>Academy</b>      | <b>The Quest Academy, South Croydon</b>  |
| <b>Required</b>     | <b>September 2023</b>                    |
| <b>Salary</b>       | <b>TCT 5 - TCT15 (£35,886 - £48,830)</b> |
| <b>Closing date</b> | <b>5<sup>th</sup> June 2023</b>          |
| <b>Interviews</b>   | <b>As applications are received</b>      |



Dear Applicant

A very warm welcome to the Quest Academy. We are a great place to begin or further your career.

At the Quest we know that having great people is our biggest asset and we work very hard to make sure that the posts we offer, the professional development we provide and the environment we create are the cornerstones of a highly successful Academy on a journey from 'good' to 'outstanding.'

Our motto, 'learning changes lives' succinctly describes our mission: to improve the life chances of all of our young people by enabling them to achieve outstanding qualifications and develop the personal characteristics necessary to lead fulfilling adult lives.

We believe in the broadest and richest educational experience and have a highly developed and universal enrichment offer, numerous trips and visits, a wide range of clubs and societies, sports fixtures and a thriving Duke of Edinburgh award scheme.

I know that the atmosphere and climate in the Academy are key considerations for staff.

At the Quest we have created a disciplined environment with well-behaved children. Levels of attendance are above the national average because our students enjoy coming to school and we have very well crafted systems of support in place to make sure that the Academy runs efficiently. We are oversubscribed and results are above the national average in all key stages.

We believe we are outstanding in the support we provide for staff development. We have achieved the 'CLPD Gold Mark' for our professional development work and we run in-house training sessions every week to update and further our colleagues' skills.

We are also very fortunate to occupy a stunning 17 million pound building with extensive grounds which we moved into in 2014. Every part of the school is brand new and across the campus we have invested in nearly one million pounds of cutting edge IT equipment to support all aspects of Academy life.

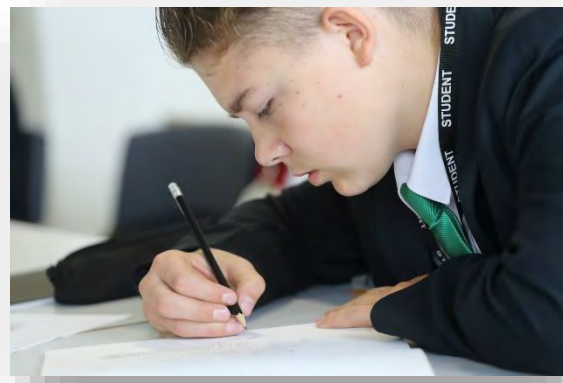
Geographically we are ideally located just 15 minutes from the M25, forty minutes from central London by train and Croydon itself is undergoing major investment as a place to work and live. Rents are relatively low for London and the town centre, with venues such as Boxpark and the Southend restaurant quarter, mean there is always something to do.

I do hope that our vacancy will be of interest to you. We welcome visits at any time to see us at work so that we can show you all of this in person.

With best wishes.



**Mr A Crofts**  
*Executive Principal*



## Key Information

The Quest Academy is committed to ensuring that each student succeeds academically and personally. Our motto, *Learning Changes Lives* (Eruditio Vitas Commutat) reflects our belief in the importance of our work. We are committed to making sure that every student makes outstanding progress. We have high expectations of every student, offer the best quality teaching and insist on the highest standards of behaviour and respect.

The Quest is a positive, rich and innovative learning environment where every student can achieve excellence in all that they do, in the classroom and beyond it.

We offer a wide range of enrichment activities to extend learning in a range of contexts and promote leadership, teamwork, reflection, confidence and high self-esteem.

We are constantly searching for new ways to encourage participation and service to others as the basis for the development of lifelong learning and a happy and successful life.

Our strength comes from strong partnerships: with our parents, the community we serve and the close links we have with the Trust. Together we have extensive experience and expertise to guide our work.

***You can find out more information about our school, and our Trust at the following websites:***

[www.thequestacademy.org.uk](http://www.thequestacademy.org.uk)

[www.tct-academies.org](http://www.tct-academies.org)



## Information about *The Collegiate Trust*

Our Trust works in the Crawley and Croydon areas with a clear vision to deliver *exceptional education for all*. Such an education achieves excellent outcomes in pupil progress and attainment, a rich creative, cultural and physical learning experience, and great personal and social development for all pupils. We achieve this by working with and developing strong teams of staff in each school, under the direction of the Principal of the school and the *Local Governing Body*. (LGB)

The Trust has grown out of *Riddlesdown Collegiate*, an **outstanding** (OFSTED, May 2016) secondary school in Croydon with almost 2000 students and over 200 staff. *Gossops Green*, in Crawley, was the next school – and the first primary – to join the Trust, followed by *Waterfield Primary* (also in Crawley) on 1<sup>st</sup> March 2018. *The Quest Academy* joined the Trust on 1<sup>st</sup> June 2018 and *Courtwood Primary* and *Quest Primary* joined the Trust on 1<sup>st</sup> September 2018. *Kenley Primary School* joined most recently in September 2021.

Each school within the Trust is supported centrally by a designated *Director of School Improvement* on teaching and learning issues, the *Chief Operating Officer, Finance Manager & HR Manager* on business management and HR issues, and the *CEO* on wider leadership issues. This complements rather than replaces in-school functions and allows the Principal and LGB to operate with a high level of autonomy in delivering the highest standards in their school. The LGB works to a *Scheme of Delegation* approved by the Trust's Board of Directors.

## Why Work With Us?

The Collegiate Trust is an exciting, fast-paced group of schools committed to progress, collaboration and excellence for all... staff and students alike. We are a dynamic and expanding trust of seven schools (two secondaries with Sixth Form provision, and five primaries) with numerous and diverse career opportunities for both new and existing staff.

All staff and governors, at every level of their career, in both teaching and business support functions, have an equal entitlement to Continuous Professional Development (CPD). This promotes, develops and supports staff in their shared commitment to lifelong learning. Results are reviewed and evaluated regularly in order to support further development of our CPD programme and drive constant improvement.

Through expert facilitation, Trust-wide collaboration, inter-school networking, and our extensive CPD programme, every member of staff has the opportunity to make substantial contributions to the development of the curriculum, pedagogy and delivery of business services, whilst improving their own prospects of career progression.

We are committed to:-

- facilitating **career progression**
- offering **excellent professional development**
- providing **opportunities to lead**
- extending **support from Trust experts**
- developing **collaborative opportunities** to generate new and next practice

Other tangible benefits of working within a TCT school include<sup>1</sup>:-

- ✓ Exceptional performance rewards
- ✓ Contribution to cost of Masters in Education
- ✓ Superb *ECT Induction Programme* including two-week paid training in June/July
- ✓ The Collegiate Trust's *National Professional Qualifications* for aspirant leaders
- ✓ Two-week October half term (instead of 5 INSET days)
- ✓ Well-equipped staff rooms and work rooms
- ✓ Excellent learning resources in classrooms
- ✓ Cutting-edge technology provision
- ✓ Free Microsoft Office apps

Individuals who are successful in their application to The Collegiate Trust join us at an exciting time. In return for the opportunity to be part of our Trust, we ask that all joining members of staff share in our vision of "Exceptional Education For All" and are motivated to work continuously towards developing their own professional excellence.

## Our Values

Strong moral values underpin the ethos of The Quest Academy. We welcome students from a wide range of cultural and faith backgrounds and expect all families to value and support the moral values at the heart of all aspects of life at The Quest Academy.

We foster understanding, tolerance and mutual respect whilst producing confident, capable and respectful young people. At all times, we aim to create an environment that nurtures and develops:

- Integrity
- Compassion
- Respect
- Tolerance
- Kindness
- Courage
- Generosity
- A life-long love of learning

These values make The Quest Academy a positive and inclusive community in which all students feel safe, valued and part of the family.



<sup>1</sup> At the time of publication, not all benefits available at every TCT school.

## Quest6

Students at The Quest Academy's 6<sup>th</sup> Form, Quest6, have excelled across the range of courses that are on offer.

In addition to academic excellence, Quest6 is a positive, rich and innovative learning environment where every student can achieve excellence in all that they do, in the classroom and beyond it. We offer a wide range of enrichment activities to extend learning in a range of contexts and promote leadership, teamwork, reflection, confidence and high self-esteem.

Students at Quest6 (and staff) have access to cutting-edge, state-of-the-art facilities that – for at least the foreseeable future – are arguably the best that Greater London has to offer.

A dedicated social study area, seminar-style teaching rooms, brand new technology as well as access to all of Quest's new buildings ensure that current and future Quest6 students will learn in a modern, peaceful, exceptional education environment.



# Job Description

**Job Title:** Teacher of Computer Science

**Responsibility Level:** TCT 5 - TCT15 (£35,886 - £48,830)

**Accountable To:** Principal & Governing Body

**Responsible To:** Team Leader

**Accountable For:**

Ensuring that the areas of Academy life for which I am responsible contribute to outcomes above expectations for all Academy students, especially in the standards they attain and the progress and achievement they make.



Understanding, operating and developing the ethos of the Academy so that it becomes a centre of excellence where mutual respect, tolerance, care and support are evidenced in all of the Academy's activities and that this in turn ensures that everybody takes pride in all aspects of the Academy's work.

## RESPONSIBILITIES

### Overall Responsibility

- To plan, develop and deliver high quality lessons and courses within the broad, balanced, relevant and differentiated subject curriculum using a variety of approaches, to continually enhance teaching and learning. To monitor student progress, keeping student records that include assessment outcomes and targets set at regular intervals in line with Academy policy, to enable all students to achieve their full potential.
- To maintain and build upon the Teachers' Standards as set out by the Secretary of State.
- Contribute to the safeguarding and promotion of the welfare and personal care of children and young people with regard to current legislation.

## GENERAL TEACHING DUTIES

### Teaching and Learning

1. Manage student learning through effective teaching in accordance with the Faculty's schemes of work and policies.
2. Ensure continuity, progression and cohesiveness in all teaching.
3. Use a variety of methods and approaches (including differentiation) to match curricular objectives and the range of student needs, and ensure equal opportunity for all students.
4. Set homework regularly, (in accordance with the Academy homework policy), to consolidate and extend learning and encourage students to take responsibility for their own learning.
5. Work with AEN staff and support staff (including prior discussion and joint planning) in order to benefit from their specialist knowledge and to maximise their effectiveness within lessons.
6. Support individual learning, including more able students, by planning work with appropriate challenge and monitoring and reviewing student outcomes regularly.
7. Work within the Teaching and Learning, using clear and precise learning objectives and defining criteria for success for each lesson.
8. Work effectively as a member of the faculty team to improve the quality of teaching and learning, by contributing to the Faculty Development Plan and implementing and monitoring change.

9. Implement new initiatives, Academy, local or national, by adapting classroom procedures accordingly, monitoring progress and reflecting on pedagogical outcomes.
10. Set high expectations for all students, to deepen their knowledge and understanding and to maximise their achievement.
11. Use positive management of behaviour in an environment of mutual respect that allows students to feel safe and secure and promotes their self-esteem.

### **Monitoring, Assessment, Recording, Reporting and Accountability**

1. Be immediately responsible for the processes of identification, assessment, recording and reporting for the students in their charge.
2. Track student progress, monitoring achievement against targets set, and take appropriate action on student outcomes.
3. Assess students' work systematically and use the results to inform future planning, teaching and curricular development.
4. Contribute towards the implementation of IEPs as detailed in the current SEN Code Of Practice particularly the planning and recording of appropriate actions and outcomes related to set targets.
5. Be familiar with statutory assessment and reporting procedures and prepare and present informative, helpful and accurate reports to Parents.
6. Keep an accurate register of students for each lesson. Unexplained absences or patterns of absence should be reported immediately in accordance with the Academy policy.

### **Subject Knowledge and Understanding**

1. Have a thorough and up-to-date knowledge and understanding of the National Curriculum programmes of study and specifications for examination courses.
2. Keep up-to-date with research and developments in pedagogy.
3. Contribute to the effective use of subject resources, including evaluation of new materials and equipment.
4. Keep up-to-date with technological change and the use of technology to enhance delivery, and student access, to the subject.

### **Professional Standards and Development**

1. Be a role model to students through personal presentation and professional conduct.
2. Arrive in class, on or before the start of the lesson, and begin and end lessons on time.
3. Be familiar with the Academy and faculty handbooks and support all the Academy's policies, e.g. Health and Safety, Citizenship, Literacy, Numeracy and ICT.
4. Establish effective working relationships with professional colleagues and support staff.
5. Be involved in extra-curricular activities such as making a contribution to clubs and visits.
6. Maintain a working knowledge and understanding of Teachers' professional duties as set out in the current Academy Teachers' Pay and Conditions document, and Teachers' legal liabilities and responsibilities relating to all current legislation, and the role of the education service in protecting children.
7. Liaise effectively with Parent/Carers and with other agencies with responsibility for students' education and welfare.
8. Be aware of the role of the Governing Body of the Academy and support it in performing its duties.
9. Be familiar with and implement the relevant requirements of the current SEN Code of Practice.
10. Consider the needs of all students within lessons (and implement specialist advice), especially for those who have SEN, are more able and/or are not yet fluent in English.



## **Health and Safety**

1. Be aware of the responsibility for personal Health, Safety and Welfare and that of others who may be affected by your actions or inactions.
2. Co-operate with the employer on all issues to do with Health, Safety and Welfare.
3. Have an understanding of visits' procedures and the relevant actions to take when planning out of Academy activities.

## **Continuing Professional Development**

1. In conjunction with the line manager, take responsibility for personal professional development, keeping up-to date with research and developments in teaching pedagogy and changes in the curriculum, which may lead to improvements in teaching and learning.
2. Undertake any necessary professional development as identified in the Academy Development Plan taking full advantage of any relevant training and development available.
3. Implement and develop pedagogic procedures introduced through Academy, local or government initiatives.
4. Implement the use of new technologies that enhance teaching and learning.
5. Participate in leadership, peer and self monitoring and evaluation schemes, responding to, and acting upon, advice and guidance received.
6. Carry out reflective practice exercises to move classroom practice, teaching and learning, forward.
7. Use 'gained time' by revising teaching, learning and curriculum materials in readiness for the new academic year; participate in collaborative planning sessions; provide additional student support or any activity directed by the Principal.
8. Maintain a professional portfolio of evidence and learning log to support the Performance Management process - evaluating and improving own practice in Bluesky.
9. Contribute to the professional development of colleagues, especially NQTs, ITTs and TFTs.
10. Contribute to faculty development by sharing professional learning, expertise and skills with others in the team, through training activities such as coaching and mentoring.

**N.B:** Every Subject Teacher will be expected to have pastoral responsibilities - detailed separately.

## **ANNUAL RESPONSIBILITIES**

As set annually as part of Performance Management using Bluesky

## **OTHER REQUIREMENTS**

1. To promote and safeguard the welfare of children at the Academy.
2. To maintain confidentiality at all times.
3. To be aware of and adhere to all Academy policies and procedures.
4. To carry out any other duties as may be reasonably required by the Principal.
5. To work in support of the Academy Improvement Plan.
6. To take time to read notices, keep to deadlines and carry out duties to the best of your ability.

## Person Specification

| Qualifications   |
|--|
| An honours degree (2:2 or better)  |
| Qualified Teacher Status   |
| Evidence of further professional development where appropriate   |
| Experience   |
| Experience working with young people of a range of ages and abilities  |
| Evidence of making an effective contribution to a team   |
| Regular engagement with up to date teaching pedagogy   |
| Skills and Attributes  |
| Ability to deliver high quality teaching & learning over time to all students in the subject area            |
| Ability to be an effective Tutor   |
| Capacity to work alongside colleagues, contributing effectively to overarching aims and priorities           |
| Ability to quickly establish and maintain positive relationships with students, staff and families           |
| Ability to demonstrate and promote good practice in line with the ethos of the Quest Academy                 |
| Understanding of safeguarding issues and promoting the welfare of children and young people                  |
| Well-developed communication skills, including high level of written and oral literacy and competent ICT use |
| Suitability to work with children  |
| Potential for professional progression   |

***The Collegiate Trust* is committed to safeguarding and promoting the welfare of children and expects all staff and volunteers to share this commitment.**

**Applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the *Disclosure and Barring Service*.**

**Appointment will be dependent upon further health, medical and attendance checks.**

## Department Description – Maths, Business and Computer Science

The Computer Science Department, housed within the faculty of Mathematics and Business, has grown in recent years from supporting a handful of students through A Level to an established department running both GCSE and A Level courses. We expect an increasing number of students to be studying GCSE or A Level Computer Science in the coming years. Furthermore, Computer Science is now taught throughout KS3. The Department currently comprises of one teacher of Computer Science; we are looking to increase this under the leadership of the wider Faculty. The Department teaches Computer Science in purpose-built classrooms, each housing high-spec personal computers, smart boards and visualisers. The aim of the Department is to enable each student, irrespective of their starting point, to reach their full potential and to gain significant insight into the world of Computer Science both inside and outside of the curriculum. To achieve this, we strive to make our teaching clear, positive and inspiring. Students are assisted through well-differentiated lessons and through academic interventions available out of lessons. Students are taught programming in Python as their main language alongside other appropriate languages for the course. At both GCSE and A Level, we currently follow the AQA specification. The Academy has shown considerable investment in Computer Science in the last few years and continues to do so as the Department grows in strength and stature. More and more students are leaving wishing to study Computer Science at University and the Department works closely with the Higher Education and Careers Services to facilitate this.

### KS3

Computer Science is taught in one lesson per week for every student throughout the school. In these lessons students learn the fundamental skills and principles required for further study.

### KS4

All students study core Computer Science, while some also study the subject as a GCSE option. The course offered is the AQA GCSE in Computer Science, specification 8525. The course covers both theoretical and practical programming aspects of computer science, with programming being used to support the theory covered. Students use the high-level programming language, Python while using other platforms to make them true experts.

### KS5

We offer two different courses at KS5. A two-year A-Level course in AQA Computer Science, taught in 5 periods per week, and the Pearson BTEC Level 3 National Diploma in IT also taught in 5 lessons per week. The course offered is the AQA A-Level in Computer Science, specification 7517. The course covers fundamentals of programming including the concept of data type, including primitive data types and complex data structures, following and writing algorithms, methods of capturing, selecting, exchanging and managing data to produce information for a particular purpose.

In addition, students will develop the following skills; problem solving, design, write and test programs to either a specification or to solve a problem, articulate how a program works, arguing for its correctness and efficiency using logical reasoning, test data, and user feedback, use abstraction effectively and to appropriately structure programs into modular parts with clear well documented interfaces to model selected aspects of the external world in a program and apply computing-related mathematics.

## Schedule for Appointments

TO APPLY PLEASE COMPLETE THE APPLICATION FORM BY CLICKING “APPLY” HERE:

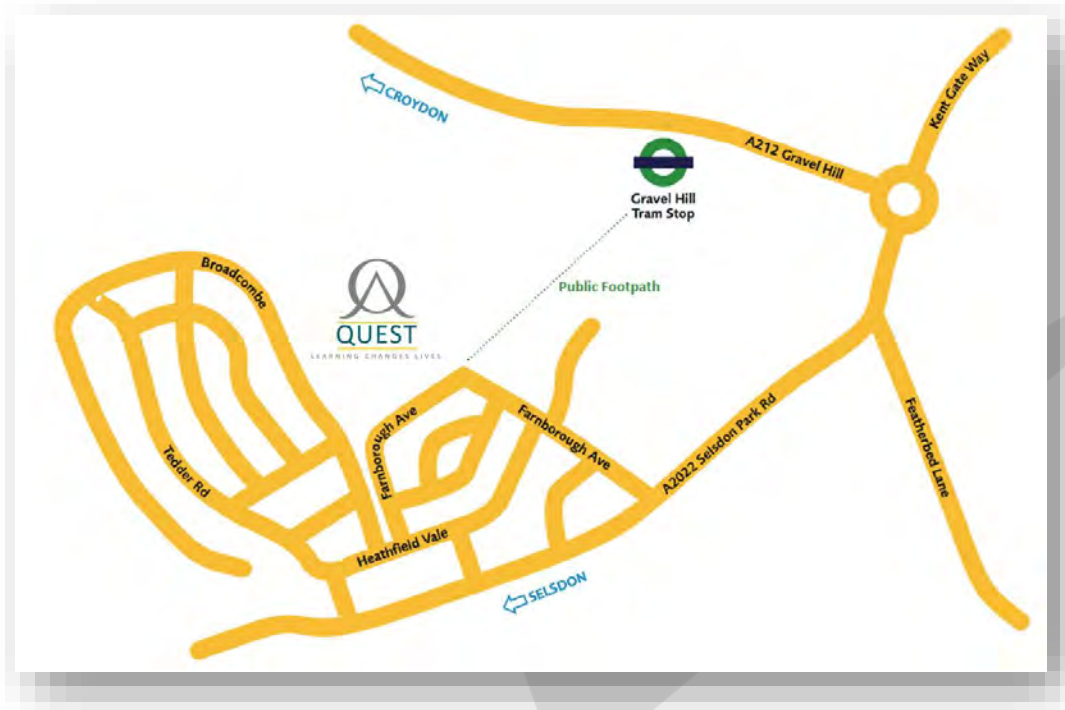
[Vacancies | The Collegiate Trust \(tct-academies.org\)](#)

**CLOSING DATE:**

5<sup>th</sup> June 2023



## How to Find Us



### By Car:

If you are travelling by car, The Quest Academy is located on Farnborough Avenue which is off of the A2022, Selsdon Park Road. If you are coming from the M25 junctions 7 (Croydon), 6 (Caterham) or 4 (Orpington) provide easy access to Selsdon.

### By Train

The nearest mainline station is East Croydon. You can then take either a number 3 tram (toward New Addington) and alight at Gravel Hill or one of the several buses that serve the area: 433, 130 or 466.

### By Tram

There is a wide footpath (keep to the right hand side) which runs from the tram stop past the back of John Ruskin College, Quest Primary School and Red Gates School, finishing in the corner of Farnborough Avenue. This walk takes about 12 minutes. The Academy is located on the right-hand side of Farnborough Avenue.

**By Bus:** Bus routes: 433, 64, 130, 466, 359.

**The Quest Academy**  
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