



Candidate brief for the position of
Teacher of Computer Science and ICT

Bancroft's
Independent Co-educational Day School 7-18



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The Role

The Computer Science and ICT department is looking for a bright and enthusiastic teacher of Computer Science and ICT to join their forward-thinking department, to teach all year groups from Year 7 to Year 13. This role would suit either a recent graduate or a teacher with more experience looking for a new challenge.



Key Responsibilities

- To deliver subject curriculum to pupils
- To inspire pupils to develop a passion for learning
- Teaching pupils through the School at Key Stages 3, 4 and 5, including examined groups at GCSE and A-Level.
- Marking, assessment and grading within the department, always setting the highest standards of personal organisation and administration
- Attending regular meetings of the department, both formal and informal, to discuss policy, teaching methods, approaches to the subject and the sharing of common problems and concerns
- Adhering to departmental policies and to meet School deadlines insofar as they apply to the department
- Attending an annual review with Head of Department

Responsibilities in relation to the pupils and to what is taught:



- Keeping abreast of developments in the subject, maintaining contacts with professional associations
- Participating in discussion, within the department, on the development of appropriate syllabuses and schemes of work at all levels
- Ensuring pupils are properly prepared and entered for exams and managing coursework/controlled assessment
- Participating in the setting and marking of internal exams and determining appropriate grade boundaries thereafter
- Assisting with the setting of pupils appropriately where required
- Giving appropriate guidance to pupils who wish to study the subject at further levels
- Assisting with co-ordinating the organisation of expeditions and other extra-mural activities in relation to the department
- Maintaining the image of the subject as an interesting and valuable one.
Keeping learning environments stimulating and interesting

Responsibilities in relation to the School:

- Carrying out School policy, including the School safety policy, in the context of the department
- Communicating departmental matters to the Head of Department, discussing examination results and raising issues of concern
- Marking entrance exams and interviewing where necessary
- Supporting the use of ICT within the department
- Presenting the department at Open Days etc. as the need arises and in prospectuses
- Ensuring that the facilities used by the department, including equipment and teaching areas, are maintained in an appropriate condition
- Contributing to the co-curricular life of the school





Additional Work Information

- This job description is not an exhaustive list of all responsibilities or duties but reflects the major core of the role
- The organisation reserves the right to alter the content of this job description after consultation to reflect changes to the job or services provided, without altering the general character or level of responsibility
- In the event of a major incident or disaster, you may be required to provide assistance, in whatever capacity necessary and participate in any training to ensure the School is fully prepared for such events
- To demonstrate a commitment to improving and developing the organisation's processes and facilities
- To carry out such duties that may be reasonably required by your line manager

Safeguarding

Bancroft's is committed to safeguarding and promoting the welfare of children and young people and expects all staff, contractors, Governors and volunteers to share this commitment. Successful candidates are required to undergo child protection screening appropriate to the role, including checks with past employers and the Disclosure and Barring Service (DBS).



The Person

The ideal candidate will

- Have a good degree or equivalent in Computer Science or an appropriate technical discipline.
- Be enthusiastic, confident, and diligent
- Develop and maintain good relationships with students and colleagues
- Have a good understanding and awareness of safeguarding procedures
- Be willing to contribute to the Co-Curricular and pastoral life of the school
- Have experience of using one or more programming languages to a high level

Desirable Criteria

- QTS/PGCE
- Prior teaching experience of Key Stages 3, 4 and 5
- Experience of teaching high ability students
- Have experience of using several programming languages to a high level, at least one of which being a strongly typed language, using an object-oriented programming paradigm
- Creative

The Department

Computer Science and ICT is a strong department in Bancroft's School, with many pupils using it as an opportunity to show off their logical and intellectual prowess creatively.

Despite being a young department, only being introduced in 2018, we are already showing some outstanding results, well above the national average. Understanding the high aptitude of our students, we encourage them to exceed the boundaries of what is expected for their age.

Students are taught ICT in Year 7 to develop their understanding of the school's systems and to prepare them for the use of ICT in other subjects. Computer Science is then



taught in all years going forward. Python programming is taught as early as Year 8 and progresses to include Computer Science theory and application design in GCSE years. We are keen that fostering enjoyment of education be a key part of what we do. We emphasise the need for students to be independent and analytical in their approach to their studies.

We have several clubs available to students, including computer building, coding clubs and web development. We encourage the introduction of new clubs to bolster students' curiosity and enthusiasm to explore outside of the set curriculum.

Students are also invited to compete in national competitions, such as the Perse Coding Challenge and Cyber Discovery. Students are also inspired to create cross curricular links to imagine real world uses for their skills. In particular, great pride and motivation has been discovered with students taking part in the Arkwright Scholarship programme. This involved a collaboration of Computer Science, DT and Electronics to produce a working prototype of their own peripheral device.

We currently have several computer suites, shared amongst all departments, each equipped with well-performing machines. However, we have plans to move towards a bring-your-own-device paradigm which will improve our access to computers wherever lessons are situated.

Currently, we only have one Computer Science specialist who is also Head of Department. However, with the introduction of Computer Science A-Level next year, we are looking for an outstanding candidate who is confident to teach at all levels and ensure students excel in their studies as well as support their application into higher education.





Background

The School

Bancroft's School was founded by the Drapers' Company in 1737 on the Mile End Road as a day-school for local boys from a diverse range of backgrounds; the School has come a long way geographically and institutionally since then but remains committed to pupils from a wide range of backgrounds and has a long tradition of excellence.

We are now a co-educational independent day school for around 1200 pupils from 7 to 18 and an unashamedly aspirational school, devoted to scholarship and intellectual inquiry. We aim to provide an atmosphere in which each child can flourish and we believe that children succeed when they take full advantage of the huge range of different opportunities we provide – whether immersed in academic research, being out on the sports fields, taking part in charitable activities, acting on the stage, playing music and attending some of our numerous clubs and societies, our pupils challenge themselves and learn by taking part wholeheartedly in school life.

We have the highest expectations for every child in the School and we support, encourage and nurture each individual; we want our pupils to enjoy life to the full, make enduring friendships and grow up in a friendly, safe but challenging environment.

At Bancroft's we continually strive to ensure that all our pupils leave here with the confidence, self-awareness and knowledge to thrive in the world beyond, as well as taking with them an awareness of others and an abiding curiosity about the world.



Bancroft's has a selective 5 or 6 form entry at 11+, with just under half the pupils coming from the Preparatory School. The school uses its own entrance exam and admits boys and girls in equal proportions. There is a further small entry at 16+, and most pupils stay into the Sixth Form. Public examination results are very strong and place Bancroft's among the top co-educational schools in the country.

Due to the continuing Covid-19 pandemic, students were unable to sit their GCSE and A Level examinations in June 2021. Instead they received Teacher Assessed Grades which were awarded after a rigorous review of various evidence including tests and coursework.

82.2% of all GCSEs at Bancroft's in 2021 were awarded the top grades of 9 or 8; 99.1% achieved either grades 9/8/7 with 99.8% graded as a 5 or better.

In common with the pattern across the country, the number of top A Level grades which were awarded to Bancroft's pupils increased. Bancroft's pupils achieved 63.9% at A*; 98.1% of exams were awarded grades A* - B.

Bancroft's is a forward-looking, modern school; a centre of excellence for the twenty-first century.



Working at Bancroft's

The successful applicant will receive an attractive salary package according to experience and expertise. Benefits include free school lunch and refreshments during the day, private medical insurance, pension (TPS) and concessionary fees for children attending the school (dependent upon academic assessment). We have a generous CPD



budget and staff are encouraged to look for opportunities to develop their skills and expertise either to further their career or to support their enjoyment of their role. We have a Staff Wellbeing Group, and an active Senior Common Room who organise a range of social events. Staff have access to various sporting facilities such as the gym and the swimming pool at allocated times. We also have a staff group working on Diversity and Inclusion and are founding members of the Schools' Inclusion Alliance.

How to apply

An application form is available to download from the School website, <http://www.bancrofts.org/about-us/employment-opportunities> or by emailing recruitment@bancrofts.org

Bancroft's School is an Equal Opportunities employer and is committed to safeguarding and promoting the welfare of children and applicants will be required to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service.

