



The Edinburgh Academy

Teacher of Computing Science

Required for August 2019

Independent Co-educational Day School

Senior School: 625 pupils aged 11 -18

Junior School: 396 pupils aged 5 -11

Nursery: 93 pupils aged 2 - 5

The Edinburgh Academy Introduction

The Edinburgh Academy is an academically selective, independent, co-educational day school for pupils aged 2 -18 years with a reputation for being caring and friendly. The Edinburgh Academy aims to be forward-looking and progressive but also greatly values its long held traditions. The School has a strong reputation for individual attention and excellence in its pastoral care and co-curricular provision. The School consists of a Senior School containing approximately 625 pupils and a Junior School containing approximately 396 pupils, and we have a Nursery department of around 100 pupils. The School is a member of HMC.

The School's Place in Edinburgh

The School was founded in 1824 and has been regarded as a leading educational establishment within the City of Edinburgh and across Scotland ever since. Original Directors included the leading literary names of their age such as Sir Walter Scott. Robert Louis Stevenson and James Clerk Maxwell were also pupils at the School. The Senior School occupies a site in Henderson Row, less than a mile from Princes Street and at the northern limits of the Georgian 'New Town', of which it was designed to be a part.

Further details about the School and its resources can be found on the School website - www.edinburghacademy.org.uk

Classes and Assembly

7ths (S6) and 6ths (S5) classes are organised by tutor groups studying either Highers, Advanced Highers or GCE A-level. A School Assembly is held at 8.40am each morning, and is attended by the whole school. School Services for the whole school are held on several occasions during the session.

Exam Results

The Edinburgh Academy uses both English and Scottish examination boards. Nearly all subjects now present SQA National 5, Higher and Advanced Higher examinations. Each year, a significant number of our 7ths (S6) hold unconditional and conditional offers at very competitively sought universities on the basis of their Higher results and their Advanced Higher/A-level predictions. Yearly academic results can be found on the School website.

Games and Activities

At the Edinburgh Academy, sport offers opportunities at all levels. The PE curriculum is varied, encompassing a wide variety of team games and individual sports. The School runs teams in a large number of major and minor sports and encourages pupils to represent the School at one or more sports at any age group.

In Music, there are about 20 performing groups including orchestras, choirs, wind bands, a big band and several chamber groups.

In Drama, there are usually three or four main productions each year. There is a fully active LAMDA qualification schedule in acting, reading for performance, mime, public speaking and Musical Theatre in place.

Teacher of Computing Science Job Description

The Post

The School operates a 40 period week and this post is likely to teach approximately a 0.7 teaching load. This post would therefore suit an NQT or someone willing to teach a 0.7 FTE timetable. However, a range of roles exist across the school that might afford the opportunity for this to become a full-time role, depending on the successful candidates' skills and experience. The school's desire, for instance, to develop a range of on-line educational tools could be built into this role, as well as pastoral work, co-curricular activities or responsibilities in other school areas. It is expected that the successful candidate will contribute to the school's co-curriculum program. The appointment will be made without regard to gender or ethnic origin.

Computing Science Department Details

The Computing Science Department delivers Computing Science and Digital Literacy to pupils of every year group, from Geits (P7) to 7ths (S6). For Geits to 2nds (S3) Computing Science is part of the core curriculum. At present classes in Geits and 2nds as have two periods per week of Computing Science for half the session, on rotation with Design Technology. 3rds (S2) have one period per week in the department for the whole session with time split between Computing Science and Digital Literacy. Classes are usually groups of 16. The Department also offers National 5, Higher and Advanced Higher Computing Science in 4ths (S3) to 7ths (S6).

Department curriculum and ethos

The Department is a growing, forward thinking, inclusive and innovative department that strives to educate pupils in the modern-day skills that are required for future success. In recent years, the department has invested in many new technologies and approaches to enhance the teaching of computational thinking, computer programming and digital literacy. This includes the recent refurbishment of the main Computing Science classroom and the purchase of two class sets of Sphero BOLT robots. The curriculum for Transition years is currently under review and development with the successful candidate having a key role to play in this process. It is expected that each course will have two units. These are as follows:

Geits (P7): In unit one, pupils will have an Introduction to computer programming using a range of technologies including Hopscotch, Sphero, MicroBit and Scratch. In unit two, pupils will learn about the internet and World Wide Web including network technologies, search techniques and safe use.

2nds (S1): In unit one, pupils will further develop their programming and computational thinking skills to create practical and physical computing solutions. In unit two, pupils will learn HTML and the basics of web design.

3rds (S2): In unit one, pupils will be introduced to text-based programming in Visual Basic.net. In unit two, pupils will learn about data and computer security. In 3rds pupils also undertake a programme of Digital Literacy during the second half of the year.

In addition, the Department takes pride in developing the academic potential of pupils, with a number moving on to study Computer Science related degrees at prestigious universities in recent years. To support this the Department currently offers SQA National 5, Higher and Advanced Higher Computing Science. The Department is also heavily involved in many whole school interdisciplinary projects as part of our academic enrichment program.

Accommodation and resources

The school has excellent IT facilities. The school operates on a Windows 10 platform with our own Microsoft Office 365 tenancy. The School also utilises Firefly VLE as well as other market leading educational software services. The IT support department, led by the Director of IT, maintains the school IT provision. The Computing Science Department shares an office with the IT Support team and work closely with one another.

The main Computing Science teaching room has recently undergone a refurbishment and contains 20 desktop PC's. In addition there is a large touch screen TV and whiteboard. Two other computer rooms are contained within the Department, each with desktop PC's and large TV screens.

Duties and Responsibilities:

1. To teach Computing Science and Digital Literacy to pupils across all ages and stages.
2. To deliver a range of extra-curricular opportunities in Computing Science.
3. To participate in cross-curricular, academic enrichment events and activities that the Computing Science Department is involved in.
4. To provide academic support to pupils sitting external exams.
5. To assist the Head of Computing Science in developing and evaluating courses and schemes of work as appropriate.
6. To assist the Head of Computing Science in preparing pupils for UCAS applications (including Oxbridge) for Computer Science related courses.
7. To keep abreast of developments in Computing Science in an educational context.
8. To promote safe and responsible use of computer systems throughout the school community.
9. To promote and support eLearning initiatives across the school.
10. To attend Departmental and committee/working group meetings as appropriate.

Also included are those duties and responsibilities associated with all teachers at the Edinburgh Academy:

1. To plan, prepare and teach lessons to all assigned pupils according to their educational needs.
2. To assess, record and report on the progress of the pupils within the guidelines written in the Staff Handbook.
3. To engage with the wider School Curriculum in a manner which is consistent with the ethos of the School.
4. To carry out such administrative and other routine tasks as are outlined in the Staff Handbook.
5. To demonstrate a commitment to both individual professional development and to the developing curriculum in the School.
6. To carry out any other duties and to assume any other responsibilities as the Rector shall from time to time reasonably request.
7. To be conscious at all times of the importance of the external image of the School and to act in a professional and constructive manner with pupils, parents and external agencies.

Short-listed candidates will be asked to plan and teach a lesson.

Reporting

The Teacher of Computing Science will report to the Head of Computing Science on all aspects of classroom management, timetabling, teaching and learning, reporting and pupil discipline. The Teacher of Computing Science will report to the Senior Deputy Rector on matters of whole school commitments, professional development and personal absence.

Availability

The appointment is available from August 2019.

Remuneration Package

The Academy pay scale shadows the national scale for teachers and promoted posts, but also offers a special supplement in recognition of the extra contributions made by teachers outwith their classroom duties. The Academy supplement, in common with all teaching positions, currently runs at an 8% addition to national scale points. The successful candidate will be entitled to join the Scottish Public Pension's Agency's teachers' superannuation scheme. The terms and conditions may be discussed at interview.

Applications

Candidates should complete all sections of the application form. Candidates are welcome, if they wish, to send a copy of their curriculum vitae, including full details of qualifications and experience, and/or a covering letter explaining why they think they are particularly suited to the role and how it may fit in with future aspirations. However, please note that this is entirely optional and the short listing for interview will be based on the application form. The appointment will be made without regard to gender

or ethnic origin. Further details are available from the Rector's Office - 0131 624 4911
rectoroffice@edinburghacademy.org.uk

The closing date for application is **Wednesday 20th March, 2019**.

Conditions of Appointment

The appointment will be subject to satisfactory references, verification of identity and proof of qualifications, and to a satisfactory medical screening.

Child Protection

The Edinburgh Academy is committed to safeguarding and promoting the welfare of children, and applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and PVG Disclosure Scotland.

Equal Opportunities

The School is an Equal Opportunities employer, and welcomes applications for this post from appropriately qualified persons regardless of age, disability, gender, race or sexual orientation.

Barry Welsh
Rector
March 2019