



HARROW
SCHOOL

Appointment of a
PART-TIME TEACHER OF COMPUTER SCIENCE

September 2026



APPOINTMENT OF A PART-TIME TEACHER OF COMPUTER SCIENCE

The School seeks to appoint a part-time teacher of Computer Science from September 2026. This role is fixed term with the possibility of extension, and includes eighteen 40-minute periods of teaching per week.

BACKGROUND

Harrow School is one of the world's most famous schools. Founded in 1572 by a local yeoman farmer, John Lyon, under a Royal Charter granted by Queen Elizabeth I, it is located on a 324-acre estate encompassing much of Harrow on the Hill in north-west London. Around 830 boys aged 13 to 18, from all over Britain and across the world, live in the School's 12 boarding houses. There are about 120 academic staff and over 500 support staff.



The academic curriculum for the first year (Year 9), which we call the Shell, is a foundation course in which boys study a range of subjects, including a choice of two languages. In the second and third years, Remove (Year 10) and Fifth Form (Year 11), boys study ten subjects to (I)GCSE. All boys are

expected to take at least four subjects in the Lower Sixth, plus an Elective in the Autumn and Spring terms. In the Upper Sixth, they carry on with three or four subjects to A level. Lessons are taught in the mornings Monday to Saturday, and in the afternoons of Monday, Wednesday and Friday.

Our Super-Curriculum encapsulates all those activities that foster academic endeavour beyond the measurable outcomes of examination results. It includes (but is not limited to) wide and habitual reading, extended project work, debate, public speaking, research, competitions, lectures, study trips and our Electives programme – off-piste courses that capitalise on our teachers' academic passions and are taught at Sixth Form through university-style seminars. Each boy at Harrow finishes his school career by completing a Harrow Diploma to recognise his commitment to the Super-Curriculum.

We have 12 boarding houses, each of which has a unique character and its own gardens and facilities. Each house accommodates on average 67 boys. Pastoral care is delivered by the House Master, Assistant House Master and Matron (all resident), as well as the year-group tutors and a full PSHEE programme. Our Chaplaincy, full-time Psychologist and Pastoral Support Committee provide further layers of support.

Boys and teaching staff gather in Speech Room once a week. This is an important time for reflection, keeping abreast of news and events, and celebrating achievements. Harrow has a Christian foundation and ethos, meaning that Chapel also plays a significant part in our daily life. We have three Christian Chaplains (two Anglican and one Roman Catholic), as well as a Muslim and Jewish Chaplain, and most boys attend services twice each week. Boys of all faiths are welcome at services, where together we worship and contemplate important issues.

Harrow has a breadth of sporting opportunities to suit each boy's interests and ability. An extensive games programme includes approximately 28 sports. We hold afternoon games four times a week, as well as sporting fixtures against other schools and regular inter-house competitions. Our elite sportsmen have an impressive record and some go on to enjoy professional sporting careers. Our provision for the lower teams includes expert coaching.





A number of parents send their sons to Harrow because of our strong Music department. We aim to raise the best musicians to a very high level of skill, while involving every boy in enjoyable musical activity. Over half of our pupils learn an instrument and most of these are involved in ensemble work too, putting on more than 80 performances each year.

Harrow has a national reputation for drama. As well as teaching boys at every level in the School, the Drama and Theatre department stages a diverse season of School, house and boy-led productions each year in the state-of-the-art Ryan Theatre.

The Art Schools and Churchill Schools provide a rich education in Art and in Design Technology & Engineering. We offer specific tuition in painting, sculpture, photography and art history.

All boys are encouraged to join our many clubs and societies. Some are organised by academic departments or are related to games and sports; others are less easy to classify, such as the Debating Society, the Law Society and the Conservation group. Our close proximity to London means that we regularly attract excellent speakers. *The Harrovian* is the School magazine; edited by boys, it began life well over a century ago and appears every week during term time. Boys also help to run the School Farm. The Harrow Rifle Corps is one of the largest combined cadet forces in a School in the country and it has a proud record of preparing boys for scholarships in the armed services. We offer The Duke of Edinburgh's Award Programme at all levels, with around 170 boys taking part annually.

Shaftesbury Enterprise encompasses all Harrow's philanthropic, charitable, outreach and partnership work, with the service work of the boys making up an important part. Through this initiative, all boys engage purposefully and genuinely with the local community. Harrovians give a great deal through Shaftesbury Enterprise, but they also receive plenty in return. It is not uncommon for boys to feel that their commitment to Shaftesbury Enterprise is one of the most valuable that they make at School.

Culturally, Harrow's way of life is steeped in tradition. From playing Harrow Football and carving new boys' names on boards in the boarding houses, to singing Harrow Songs, wearing the straw hat and using our distinctive terminology, these customs have developed over centuries. They continue to pervade our community on the Hill and to bind us together in support and fellowship.

Harrow School is part of a much larger family, which is made up of John Lyon's Foundation, the Harrow International Schools, and the Harrow Club (a centre for sport and education for young people in Notting Dale that the Foundation helped to establish). John Lyon's Foundation is made up of a Charter Corporation comprising Harrow School, John Lyon School (a nearby co-educational day school) and John Lyon's Charity (a grant-giving charity that gives over £10 million a year to schools and other organisations in the boroughs of north-west London).

SCHOOL VALUES AND BEHAVIOURS

All staff are expected to conduct themselves in line with the School's values which are: **Courage**, **Honour**, **Humility** and **Fellowship**. While the School's values set out what matters most to us, the behaviours below are intended as a shared set of expectations to refer to, and standards to aspire to, in our dealings with others. They are the practical application of our values.

COURAGE

- We remain optimistic and purposeful in a disrupted world.
- We take responsibility for our decisions, even the hard ones.
- We always challenge poor behaviour in ourselves and others.
- We are open to new ideas, and seek fresh challenges.

HONOUR

- We keep our promises.
- We act with integrity – doing the right thing, even when it is difficult or when no one is watching.
- We respect and value our traditions whilst setting them in the context of today.

HUMILITY

- We work hard to serve others within the School and across our wider communities where possible putting their interests before our own.
- We give and seek honest and appropriate feedback, reflect on our failures and learn from them.
- We support each other through challenges and whatever the outcome, we celebrate those that took part.

FELLOWSHIP

- We respect each other and value our differences, knowing that we are more effective and more resilient working together.
- We are kind and inclusive; we value the contribution that each of us makes.
- We role model the behaviours that we would like to see in others; we ask only of others what we would be prepared to do ourselves.



THE TEACHING STAFF

We have a very friendly and increasingly diverse teaching staff, and we welcome applicants from all backgrounds. Some joined Harrow straight from university, others after taking a PGCE. Some have taught in an independent school before, others have not. What all of our teachers have in common is an enthusiasm for their subject and a willingness to be involved in the life of a boys' full-boarding school.

As the School has a duty to supervise pupils around the clock during term time, our teachers' responsibilities include caring for the boys at irregular times outside normal teaching hours. To facilitate this, and so that they can better perform their duties, teachers at Harrow are required to live in a house or flat allocated by the School. We maintain these properties free of rent and charges for teachers, and also pay for their water and council tax.

Harrow on the Hill is only 30 minutes from central London on the London Underground Metropolitan line but it has a rural feel; the streets resemble a village, and it is surrounded by woods and playing fields. It is a good place to bring up a young family - there are many children on the Hill and some excellent local schools.

The School has its own salary scale, with generous additional benefits including private medical insurance. Teachers are eligible for an allowance towards the cost of educating their children and can educate their sons at Harrow at a reduced rate. Bursaries are also available at John Lyon.



THE DEPARTMENT

Computer Science is one of the most dynamic and rapidly expanding departments in the School, playing a central role in equipping boys with the technical fluency and critical thinking skills needed to thrive in the digital world. The department's forward-looking curriculum is both rigorous and creative, placing strong emphasis on problem-solving, innovation and hands-on experience from the outset.

In the Shell year (Year 9), boys begin with an introduction to cyber-safety, digital hygiene and touch-typing, alongside structured use of digital tools to support their broader academic progress. They then move on to a course in artificial intelligence, where they explore key theoretical concepts and real-world applications in machine learning. Programming is introduced through Python, with boys undertaking a range of ambitious projects including mathematical modelling, scientific analysis, and game development. Later in the year, they apply their skills in designing and programming intelligent robots capable of performing complex tasks.

In the Remove and Fifth Forms (Years 10 and 11), boys follow the CAIE IGCSE Computer Science course (0478). This builds on the strong foundation established in Shell and introduces a deeper study of algorithms, system architecture and software development. Practical work remains central: boys design and test their own programs, work with hardware such as Raspberry Pi and gaming systems, and complete an independent project in the summer between Remove and Fifth Form.

At A level, boys study the Cambridge International Computer Science syllabus, which provides a robust and intellectually demanding grounding in computational theory and software engineering. The course fosters creativity and precision in equal measure, with topics including data structures, systems design, programming paradigms and algorithmic analysis. Boys gain significant experience in developing software to solve real-world problems, preparing them for further study in fields such as Artificial Intelligence, Data Science, Cybersecurity and Engineering. A number of boys go on to study Computer Science at leading universities in the UK and overseas.

The department also runs a popular and active Computer Science Society, which meets weekly. Activities include building and upgrading PCs, exploring virtual reality technologies, and taking part in coding challenges. The Society regularly hosts guest speakers – including leading figures from industry and academia – and provides a space for boys to explore computing beyond the classroom. Furthermore, we support and encourage boys to take part in the British Informatics Olympiad and other similar competitions. In the summer between Remove and Fifth Form, boys work on a summer project where they are encouraged to apply their knowledge to build an app, game, or even a piece of hardware. They then present their project at the beginning of the Fifth Form and share what they learned.

Well-resourced and firmly embedded in the academic and co-curricular life of the School, the department is characterised by its ambition, energy, and commitment to innovation. It is also a highly collaborative department, experimenting with different platforms on an ongoing basis and welcoming new ideas.

THE ROLE

Harrow School is seeking to appoint an enthusiastic and knowledgeable part-time Teacher of Computer Science to join our dynamic and forward-looking Computer Science Department. The successful candidate will teach:

- CAIE A Level Computer Science (9618)
- CAIE IGCSE Computer Science (0984)
- Year 9 Computer Science

This is a part-time one year role for a few days per week (eighteen 40-minute lessons), with flexibility in the working arrangement and the potential for increased teaching hours in the future.

KEY RESPONSIBILITIES

- Deliver engaging, well-structured, and challenging lessons in Computer Science across Key Stages 3 to 5.
- Prepare boys for public examinations, ensuring strong academic outcomes.
- Contribute to the development of departmental schemes of work and teaching resources.
- Foster a positive learning environment that supports both academic progress and enthusiasm for the subject.
- Support wider departmental and school activities, including co-curricular computer science and enrichment opportunities as appropriate.



THE PERSON SPECIFICATION

Essential

- A strong academic background in Computer Science or a closely related discipline.
- An interest in teaching and working with young people.
- Excellent communication and organisational skills.
- Commitment to fostering curiosity, independent thinking, and digital literacy.

Desirable

- A postgraduate student or recent graduate seeking experience in teaching.
- Familiarity with the CAIE syllabuses (9618 and 0984).
- Prior teaching or tutoring experience, particularly at GCSE or A Level.
- Experience in Python programming.

All members of staff are expected to conduct themselves in line with the School's values: **Courage**, **Honour**, **Humility** and **Fellowship**.





HOW TO APPLY

Please visit the School's website at www.harrowschool.org.uk/contact/work-at-harrow or click on the 'Apply to School website' button for more detailed information about the role and to complete our online form, which should be submitted by 8am, Friday 5 June 2026.

INTERVIEW PROCEDURE

In addition to teaching a lesson, you will be interviewed by the Head Master, the Deputy Head Master and the Director of Studies. You will also meet more informally with the Head of Computer Science and with other members of the department and the Senior Management Team. The selection process and interview questions will relate to the details given in this job description, in particular 'The School', 'The Department', 'The Role' and 'The Person Specification'. You will be asked to explain any discrepancies or anomalies in the information you have provided either on the application form or in your covering letter, as well as any issues arising from references, which we will take up in advance of your interview.

SAFEGUARDING AND CHILD PROTECTION

Harrow School is committed to safeguarding, protecting and promoting the welfare of children and you must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service (DBS). At interview, we will ask questions about child protection procedures and your suitability to work with children. All teachers at Harrow must comply with our *Safeguarding Policy*, which can be found on our website www.harrowschool.org.uk.

The position is subject to an enhanced DBS check.

In addition, the position will be offered subject to the receipt of satisfactory references, proof of qualifications and proof of right to work in the UK.

Copies of the School's Recruitment, Selection and Disclosure Policy, Declaration of Previous Convictions information, ICT Acceptable Use Policy and Privacy Notice for Job Applicants are available on the School's website, as attachments to the job advertisement that include the candidate pack.

Equality, diversity and inclusion are values that are important to us at Harrow. We believe in diversity of thought and actively welcome anyone regardless of their background to bring their valuable and relevant skills to our community.

