



South Hampstead

High School

GDST

JOB APPLICATION INFORMATION

Head of Computing

FROM SEPTEMBER 2020



South Hampstead High School – an independent day school of 900+ pupils, including approximately 265 girls in the Junior School and over 140 in the Sixth Form – welcomes girls aged 4 to 18 from across London. It is a very popular school and entry is competitive at all ages. Established in 1876, it is one of 25 schools and academies belonging to the Girls' Day School Trust. Located in leafy Hampstead, with the buzz of central London's cultural life close at hand, the school is very well served by public transport and there are excellent local amenities nearby.

Excellent academic results place us comfortably amongst the country's top schools, and our pupils leave us for some of the most prestigious universities in the country and worldwide – but there is so much more to an education here than the girls' headline achievements. Pupils go on to become prize-winning authors, ground-breaking scientists, passionate campaigners, successful entrepreneurs, distinguished lawyers and trailblazing creatives.

Working at South Hampstead is stimulating, challenging and fun. Pupils are intelligent and inquisitive, energetic and engaging. We offer competitive salaries, generous employee benefits – including opportunities for sabbaticals – and a warm, supportive environment. There is a strong emphasis on Continuous Professional Development and on supporting teachers to engage with leading education research.

THE GIRLS' DAY SCHOOL TRUST

South Hampstead High School was the ninth school to be established by the Girls' Day School Trust (GDST) in 1876.

Today, the GDST is the leading network of independent girls' schools in the UK.

Since its foundation in 1872, the GDST has been at the forefront of education for girls and a strong voice in promoting opportunities for young women. Through the Alumnae Network, this continues after the girls leave school.

“When I first stepped through the doors here, I knew that it was a very special place to be – the wonderful atmosphere, dedicated staff and energetic girls, who are such a pleasure to teach.”

— South Hampstead Teacher

AIMS & ETHOS

At South Hampstead we believe that education should be a truly enriching experience. We believe in the power of knowledge as a tool for thought and creative endeavour, and a source of lifelong inspiration and curiosity.

In and out of the classroom, we want our pupils to explore the big questions; debate and discussion lie at the very heart of a South Hampstead education. We aim to create abundant opportunities for creative output and to encourage pupils to take risks. In our teaching, we do what we know works and put research and reflection at the heart of our professional development. Teaching is a noble profession and our staff are central to our success.

We aim to provide outstanding breadth of opportunity in our curricular and co-curricular programme and to open our pupils' minds to a myriad of possibilities. We believe that involvement in school life is a key factor in our pupils' happiness. But it's not just about taking part; we aim to instil in pupils a sense of purpose, pride and determination and the belief that they can compete on the biggest of stages.

We aim to create a warm, tolerant and kind community where girls can be themselves and make friends for life. We want them to play their part in our community and in the community beyond South Hampstead. The 21st century is a time of unique opportunities and challenges; we have a critical role to play in preparing our young women to live and thrive, work and lead in tomorrow's world.

TEACHING & LEARNING APPROACH

South Hampstead follows a curriculum that equips each girl with the means to develop her intellectual abilities as well as her personal and social values. Students are able to explore a deep and expansive body of knowledge, and to discover their strengths and interests via a broad, balanced range of academic, cultural and aesthetic subjects.

Pupils are intelligent, inquisitive, confident, energetic and talented. The programme of work helps to ensure that each girl is thoroughly prepared for the next stage in her life, whether it is transition into the Senior School, higher education or adulthood.

South Hampstead students love to learn. The store we set by the power of ideas is evident in the quality of the conversation, both inside and outside the classroom.

Our teaching is known for its rigour and its passion. In-depth subject knowledge and expertise are givens for all our teachers, but equally important is an innate ability to inspire the very best from each student, both as scholars and as individuals. With a colourful mosaic of enrichment opportunities available – academic societies, national competitions, leadership roles, independent learning projects, incredible speakers and exciting trips – every girl has the freedom to direct her learning and to flourish. Our ambition each year is that our pupils leave us as assured, adaptable, inspired individuals, ready to make their mark on the world and lead happy, successful lives.

“Throughout the school, pupils are highly motivated, articulate and have strongly developed skills for learning... they are self-aware, reflective and show initiative.”

— ISI Report

BEYOND THE CLASSROOM

We are proud to be a busy, buzzy school with a lot going on. Each week there are well over 100 co-curricular activities for the girls to get involved in, before, during and after school. Regular guest speakers, a comprehensive enrichment programme, local and international trips, leadership opportunities and charitable endeavours combine to provide an exceptional range of experiences beyond the classroom.

South Hampstead has a well-established reputation in the creative arts. We welcome writers, poets and artists in residence and put on ambitious concerts and performances. Speaking up and speaking out is encouraged from the earliest years: we have an in-house debating coach and a strong track record in a range of public speaking competitions.

In sport, girls have the opportunity to participate in a wide range of activities, both as part of a team and as an individual – there are over 65 sporting clubs and teams to join, with state-of-the-art facilities both on site and at our nearby 4-acre sports ground. Our aim is to cultivate a positive attitude towards recreational and competitive sport, developing the skills and team spirit needed for a lifetime enjoyment of sport.

PASTORAL CARE

Our school is lit up by the attributes that matter most here – thoughtfulness, open-heartedness, respect, courage and honesty.

At South Hampstead we aim to encourage every girl to discover her own aspirations and to run her own race with regards to her progress and achievements. Under our unique co-tutor system, no form tutor is responsible for more than 12 pupils throughout the Senior School. They make sure every girl is thriving: supported, making good progress and feeling fully involved in school life.

Mistakes are learned from and successes are shared: each girl is encouraged to consider how she engages with feedback and to communicate her own strengths. There's plenty of experience on hand from older pupils: buddies and peer mentors provide a friendly face and practical advice, and a fun programme of intra-house activities regularly mixes the year groups, creating a real sense of togetherness and community.

Our programme of PSHE (Personal, Social and Health Education) prepares girls to go out into the world with confidence, inner strength and high self-esteem, ready to face challenges. There are also regular evening talks for parents, often reflecting the topics taught in class and as well as other issues on the minds of parents. We have a full-time nurse and counselling provision – it's completely normal for girls to sign up for sessions on any issue they like, completely free from any stigma. We understand how to educate girls, setting the feminist agenda and guiding well-rounded, well-grounded individuals to be the female leaders of the future.

THE CURRICULUM

In Years 7 to 9, the girls have one triple and one single PE lesson per week. The curriculum encompasses many sports including Netball, Football, Gymnastics, Dance, Cross Country, Badminton, Basketball, Cricket and Athletics. In Years 10 and 11, the girls have two double lessons per week, which includes one fitness and one games lesson. In the Sixth Form, the girls have one double lesson per week in which they opt to choose their preferred activity. The range of activities is extended to include: spinning, yoga, fitness suite, trampolining, British Military Fitness, pilates and netball. Pupils are encouraged to widen their experiences and take part in a varied programme, in some cases, with specialist coaches to deliver these courses.

In the Junior School, girls are taught a range of fundamental movement skills. At Key Stage 2 the girls learn Netball, Dance, Football, Gymnastics, Cricket and Athletics. In EYFS and KS1 the focus is on developing fundamental movement skills, activities include basic skills in: netball, football, gymnastics, dance, tennis and athletics. There is also a large number of sports clubs offered to the Junior School pupils, which take place before and after school. We have an extensive senior school sports coaching programme, which creates a link with junior clubs.

BEYOND THE CURRICULUM

We have a great tradition of high achievement in the creative arts. Whether in Music, Drama, Art or Design and Technology, our girls are successful both in school and outside. There are many opportunities for them to perform and to exhibit their creative work throughout the school.

Music is at the very heart of school life, with a variety of major events each year and a host of smaller-scale concerts involving our many choirs, bands, ensembles and orchestras. It is our aim that every girl who comes to South Hampstead High School, regardless of her experience, accomplishment and aspirations, will have the opportunity, and every encouragement, to flourish as a musician.

Drama is packed with opportunities for all students to be involved both on stage and behind the scenes. There are many productions each year in both the Junior and Senior School, in which girls are encouraged to take an active part. We also participate in the annual Shakespeare Schools Festival and offer a wide variety of House Drama events, film making opportunities and master class workshops with external practitioners.

In Art, girls are encouraged to experiment and take risks while working within a fine arts framework. Students work with a range of media including textiles and sculpture. They also acquire skills in areas such as photography, filmmaking and animation.

Design and Technology is varied and very hands-on. Our older girls are regular award-winners in a number of competitions such as Young Inventor of the Year, Young Designer of the Year and Young Engineer of the Year.

Evidence of the talent we have here is displayed all around the school – paintings, sketches, photographs, sculptures and design projects that were created by our students are always on view.

In Sport, girls have the opportunity to participate in a wide range of activities, both as part of a team and as an individual, during regular lessons at our four-acre sports ground and in the gymnasium, or as part of our co-curricular programme. We currently offer a total of 20 different sports and in excess of 60 sporting clubs across the Junior and Senior Schools. There are regular overseas sport and music tours and overseas expeditions, as well as the more usual school visits at home and abroad. In the Senior School, girls typically spend three hours a week in Sport; in the Junior School, at least two hours. Specialist coaches work with the girls on occasion, and there is a Going for Gold programme for our most talented sportswomen.

The 4 acres of playing fields, squash courts and dance studio are some 10 minutes' walk away. Our aim is to cultivate a positive attitude towards recreational and competitive sport, developing the skills and team spirit needed for a lifetime enjoyment of sport.

CO-CURRICULAR

The PE Department runs a full and varied co-curricular programme, which promotes sporting opportunity and challenges each individual to achieve their potential in sport. Clubs take place before and after school and during the lunch break. Fixtures (for Years 4 to Sixth Form) take place regularly against local schools in Netball, Gymnastics, Football, Tennis, Athletics, Cross Country, Dance and Cricket. We often participate in Saturday tournaments in netball. We regularly enter teams into Girls' Day School Trust (GDST) rallies, Middlesex County tournaments, the London Youth Games and Borough championships. We currently have students representing their county or even nationally in a number of sports, supported by our Going for Gold programme. The Gym and Dance Shows, for both the Junior and Senior School pupils, are an annual highlight.

The Role

We are seeking to appoint a dynamic, energetic and well-qualified Head of Computer Science. The successful candidate will join us on a full time basis, and will have an exciting brief: continuing to grow the uptake of both GCSE and A Level Computer Science, developing our co-curricular provision, and supporting bright students in making the most competitive university applications for Computer Science.

The Head of Computing will have lead responsibility for supporting our small classes of intelligent, dedicated students in the Sixth Form with the completion of their A Level Computer Science course (OCR). In particular, this will involve guiding them in the creation of original, extended programming projects. Last year, for example, one of our students designed software that helped those with dementia. Further expanding uptake for Computer Science A Level will also be a key aspect of this role, including contributing to our options processes by giving assemblies, teaching taster lessons, and meeting with parents.

Computer Science is a popular option for GCSE at South Hampstead, with healthy numbers in both Year 10 and Year 11. The successful candidate for this role will have primary responsibility for the teaching of the OCR GCSE course, ensuring girls are well prepared for their eventual examinations. Strong subject and curriculum knowledge is essential, including excellent coding skills in relevant languages (students currently learn Python).

Co-curricular computing is already well established, with weekly coding clubs complemented by student participation in wider competitions (e.g. GCHQ cyber security challenge). The new Head of Computing will be able to expand and develop our current co-curricular provision, and contribute to our enrichment programme too.

We are looking for enthusiasm for Computer Science as a discipline, and for teaching it in an engaging way. An ability to stretch more able pupils is essential, as is the capacity to deliver a curriculum that inspires our students.

Start date September 2020

The Department

Computer Science was first introduced as a GCSE at South Hampstead in 2014, and uptake for the subject has remained consistently strong. Typically we have one or two classes (of approximately 16 students) in each of Year 10 and Year 11. Those opting to take Computer Science GCSE begin their studies at the end of Year 9, in order to give them a headstart on the GCSE curriculum. There is scope for further growing the numbers of students opting to take the GCSE course and for reshaping the delivery of this course, including the sequencing of curriculum topics and the timing of the 20-hour programming project.

Our first cohort of A Level Computer Science students received their results in the Summer of 2019 (two A grades) and there is currently one student taking the subject in each of Years 12 & 13. Growing uptake at A Level would be an exciting opportunity for the department, along with supporting students in the completion of their extended programming projects. An excellent working knowledge of several programming languages is essential as students use Python, Visual Basic and Javascript as part of their lessons.

Computing is taught for 70 minutes once each week in Year 7, with contributions to this curriculum from a teacher in the Junior School and one Assistant Head (Digital Strategy). Students wishing to further develop their coding are encouraged to pick relevant options in our Mehr Licht enrichment carousel in Year 8. The school is currently reviewing the curriculum in Key Stage 3 and investigating possible models for the delivery of ICT skills and Computer Science in these year groups.

All students in South Hampstead are issued with iPads and part of the current Year 7 curriculum centres on supporting students with the development of digital literacy skills, routines and etiquette, and safe practices online. Computer Science lessons are taught in two specifically designed computer suites in the school's main building and the successful candidate for this post would have the ability to review and, if necessary, make further improvements to both our hardware and software portfolio.

The successful postholder will be line managed by the Deputy Head (Academic) and will liaise frequently with the Assistant Head (Director of STEM).

Main Responsibilities

POLICY/STRATEGIC DIRECTION AND DEVELOPMENT

- Contribute to whole school policy-making and strategic planning as required by the Head.
- Prepare, monitor and update annual departmental plans in consultation with colleagues.
- Take the lead in ensuring that school policies and strategies are embedded in schemes of work and departmental plans.

LEADERSHIP AND MANAGEMENT OF OTHERS

- Lead and manage the department, recruiting, inducting, developing, deploying, motivating and appraising members of the department to ensure that they have clear expectations of their roles, and that high performance standards are achieved and maintained.
- Empower members of the department to develop their leadership potential to ensure continuous improvement within the department.
- Manage day to day requirements such as examination entry and departmental timetables, delegating as appropriate, to ensure the efficiency of the department.
- Chair departmental meetings to ensure that they are used effectively to review performance and that actions are recorded and implemented.

TEACHING AND LEARNING

- Promote excellence in teaching and learning to ensure all pupils develop their potential and are equipped for life beyond school.
- Exemplify in own practice the skills of teaching and learning typified by lead professionals, and ensure that good practice is shared throughout the department.
- Ensure that schemes of work are used, reviewed and modified to enable the maintenance and development of high standards of teaching and learning.
- Monitor pupils' work and the classroom practice of those in the department to ensure high standards are maintained.
- Keep up to date with developments in subject area and education in general to ensure that best practice is adopted within the department.
- Ensure the department's delivery and development of the curriculum is effective in meeting the needs of all pupils.
- Contribute to the broader life of the school by supporting and leading curricular and extra-curricular events such as school productions and activity days.

EXTRA-CURRICULAR ACTIVITIES

Actively promote interest in the subject outside the immediate physical and timetabled confines of the department.

MARKETING AND EXTERNAL LINKS, INCLUDING PUBLIC OCCASIONS

- Actively promote the department within the school community to encourage pupils' interest in the subject area.
- Contribute to the positive promotion and marketing of the school and the GDST in the local and wider community.
- Lead the department's contribution to marketing events and external links.

MANAGEMENT OF RESOURCES

- Monitor and control the department's allocated budget and purchasing arrangements, to ensure the efficient and effective use of all resources. Discipline, health and safety
- Maintaining good order and discipline among the pupils and safeguarding their health and safety both when they are authorised to be on the school premises and when they are engaged in authorised school activities elsewhere.
- Identify future resourcing needs and aspirations for the department for consideration in the school budget planning process.
- Ensure that all resources are fit for purpose and used in accordance with health and safety guidelines in ORACLE.

MONITORING, EVALUATION AND ASSESSMENT

- Ensure that within the department individual pupil progress is regularly assessed, recorded and reported and used to inform future teaching.
- Monitor pupil progress through the use of performance and benchmarked data to ensure that high standards of learning are achieved and maintained.

TRAINING AND DEVELOPMENT OF SELF AND OTHERS

- As a lead professional set personal targets and take responsibility for own continuous professional development.
- Be proactive in identifying training needs within the department, ensuring that they are appropriately met, and that all members of the department are active in their own personal and continuous professional development.

GENERAL REQUIREMENTS

All school staff are expected to:

- Work towards and support the school vision and the current school objectives outlined in the School Development Plan.
- Contribute to the school's programme of extra-curricular activities.
- Support and contribute to the school's responsibility for safeguarding students.
- Work within the school's health and safety policy to ensure a safe working environment for staff, students and visitors
- Work within the GDST's Diversity Policy to promote equality of opportunity for all students and staff, both current and prospective.
- Maintain high professional standards of attendance, punctuality, appearance, conduct and positive, courteous relations with students, parents and colleagues.
- Engage actively in the performance review process.
- Adhere to policies as set out in the GDST Council Regulations, ORACLE and GDST circulars.
- Undertake other reasonable duties related to the job purpose required from time to time.

This job description should be seen as enabling rather than restrictive and will be subject to regular review.

APPLICATION PROCEDURE

Completed applications will comprise a letter of application addressed to the Headmistress outlining why the applicant thinks she/he is suitable for this teaching position at South Hampstead High School; an application form; the names and full contact details of two referees who may be approached immediately.

Applications should be addressed to Mrs Bingham, Headmistress, South Hampstead High School, 3 Maresfield Gardens, NW3 5SS or by email to Lcripps@shhs.gdst.net by 12 noon on Monday 16th December 2019. Start date September 2020.

It is the post-holder's responsibility to promote and safeguard the welfare of children and young persons for whom s/he is responsible, or with whom s/he comes into contact. You will adhere to and ensure compliance with the school's Child Protection Policy Statement at all times. If in the course of carrying out the duties of the post the post-holder becomes aware of any actual or potential risks to the safety or welfare of children in the school s/he must report any concerns to the school's Designated Safeguarding Lead (Deputy Head) or to the Headmistress. Candidates should be aware that they will be asked to undergo a DBS check.

SKILLS REQUIRED

Leadership skills: the ability to lead and manage people to work towards a common goal	Essential
Decision making skills: the ability to solve problems and make decisions	Essential
Teamwork: the ability to work collaboratively with others	Essential
Communication skills: the ability to make points clearly and understand the views of others	Essential
Self-management skills: the ability to plan time effectively and organise oneself well.	Essential

KNOWLEDGE BASE

Excellent professional knowledge and understanding	Essential
Excellent subject knowledge	Essential
Understanding of national and examination curricular requirements of the subject	Essential
Up to date with professional developments in the subject and other aspects of education	Essential

QUALIFICATION/ATTAINMENT

Qualified teacher status	Desirable
Good honours degree: first or upper second	Essential
Post graduate qualifications: Masters degree/post graduate diplomas	Desirable

EXPERIENCE

Experience as a subject teacher covering KS3-5 (or relevant key stage)	Essential
Experience of teaching A level in the subject for at least two cycles	Essential
Experience of organising or participating in extra-curricular activities	Desirable
Experience of participating in or leading a whole school initiative	Desirable
Experience of a management role e.g. as deputy Head of Department	Essential

ATTITUDE/APPROACH

Ability to enthuse children and adults	Essential
Possess a positive attitude and approach to change and development	Essential
Flexible and firm with the ability to know when to be either	Desirable
Enjoy rising to the challenges inherent in a school environment	Essential
Lifelong learner	Essential