



NOTTING HILL & EALING
HIGH SCHOOL
GDST

Appointment of

Teacher of Design & Technology

For September 2019 (one year contract)



About the School

“Teaching here is all about being able to have in-depth conversations with students about your subject and helping to enthuse them with the same passion as you have. Teaching at NHEHS is exactly what I imagined teaching would be like when I got my first teaching job; it’s what teaching should be!”

Liberty: joined NHEHS in September 2017 as a Head of Department

Notting Hill & Ealing High School is one of London’s leading independent girls’ day schools. Founded in 1873 it is the oldest of the 25 schools which make up the Girls’ Day School Trust (GDST) having begun life in Notting Hill and moved to Ealing in 1930. We are an all through school (ages 4-18). Around 300 girls in the Junior School and 600 in the Senior School, including 150 in the Sixth Form, make up a friendly and welcoming community. The Junior and Senior Schools occupy their own parts of the site and in day-to-day terms operate independently. We occupy a site in suburban, leafy, west Ealing with excellent transport links. (We are an easy walk or bus ride from Ealing Broadway or West Ealing stations: District and Central underground lines, mainline trains and Crossrail from 2018.) The school is oversubscribed and a very popular choice at all ages with girls joining us from most parts of West London as well as areas further afield.

NHEHS is an academically selective school. Our girls are ambitious, bright, enthusiastic and eager to learn. In our latest ISI inspection we achieved the highest possible grades across the board and the inspectors noted that ‘the quality of the pupils’ achievements and learning is exceptional.’ Public examination results are consistently outstanding and girls go on to study a wide range of subjects at prestigious universities including Oxbridge. (Latest results and the university destinations of Leavers can be found on our web site.) The school is highly regarded for the way it achieves its outstanding outcomes within a particularly warm and supportive environment, and pastoral care and achieving the best for every girl is at the heart of everything we do.

About the GDST

GDST schools share an ethos and heritage of girls-only education and are members of a unique network which adds value to each school, student and member of staff. Networking opportunities with other teachers across the Trust enable staff to share best practice and develop initiatives that benefit all our schools and students. In addition to supporting the work of individual schools in supplying excellent induction and development opportunities for staff, the GDST network provides access to an extensive training programme. This includes development opportunities (including a Middle Leaders Development Programme and Aspiring Leaders Programme) and to grants for individual courses of study.



“We are delighted that you are considering NHEHS and hope that you will want to apply for this post once you have found out more about us. Our website, www.nhehs.gdst.net will tell you more about the school and give you a taste of the atmosphere here.”

Matthew Shoults, Headmaster

Teacher of Design & Technology

The Post

The post is offered on a 1-year fixed term contact basis, available from September 2019.

The post provides the opportunity for a well-qualified, inspirational graduate of Design & Technology to teach throughout the school to A-level, and advance the subject by delivering an outstanding quality of learning and teaching.

Person Specification

We are looking for a well-qualified graduate of Design & Technology with a passion for teaching together with excellent subject knowledge. The successful candidate will have a strong understanding of the curriculum and be efficient and organised. She/he will be a good communicator who can enthuse and inspire both pupils and colleagues and will have exciting ideas about the teaching of Design & Technology and ways in which students can be inspired both within and outside the curriculum. The successful candidate will offer full commitment to the vibrant extra-curricular life of the school.

The Department

The Design & Technology department at NHEHS offers an invigorating, challenging and creative experience. Students are encouraged to follow the work methods of professional designers, with an emphasis on producing functional products that are aesthetically pleasing.

At NHEHS we believe that Design & Technology fosters creativity and problem-solving skills. Students are taught to design and make products using a wide range of materials and techniques. CAD and CAM is used widely across the curriculum, in laser cutting, CNC routing and 3D printing.

The department is focussed on Product Design/Resistant Materials with the majority of products being fabricated from timber and polymers. In addition to this, we cover metals, graphics and electronics/systems to broaden students' skillsets and further their theory knowledge. As many of our students follow careers in Engineering, we are looking to expand our material specialism to areas such as electronics/systems.

Many of our older students are interested in careers in engineering, architecture and product design. Our students have won Arkwright Engineering Scholarships, which include funding and a mentoring programme. The department has close links with other GDST schools, as well as industry professionals in the fields of design, engineering, physics and architecture.

Facilities and Staff

We have one main workshop with traditional machines for fabricating with timber and polymers, in addition to high-spec CAD CAM facilities. We have two laser cutters including a newly acquired 100W A1 machine, three 3D printers, a CNC router and our own bank of high spec laptops. There are currently three DT teachers – the Head of Department and two part-time teachers teaching up to KS3. We also have a highly competent technician.

The Curriculum

Years 7, 8 and 9 (Key Stage 3)

In Years 7 and 8, students study two periods of D&T per week for half the year, rotating with ICT or Art. In Year 7, the focus is jewellery where students are introduced to CAD CAM and manufacture their products out of pewter and acrylic. In Year 8, the focus is construction and practical workshop skills. Students make a personalised wooden tray with a strong focus on gaining confidence and independence with tools and machines.

In Year 9, students can elect to take D&T as one of their three creative subjects. The year is split on a rotation so that all students have half of the year studying Product Design and also Graphics. They start to produce GCSE-style portfolios which follow an iterative design whereby students prototype and model before beginning to manufacture their final product. In Product Design, students explore the concept of 'Exciting Lighting', making an articulated lamp; this is also their first experience of electronics. In Graphics, students undertake a Charity Box project, which looks at drawing techniques, nets and social and moral issues.

Years 10 and 11 (Key Stage 4)

The current Year 10 students are studying the OCR Design Technology course. They complete a wide range of smaller practical projects to cover Design Theory in preparation for their examination module. The projects include designing for others, mechanisms and movements, and CAD CAM laser cut solar powered buggies. At the end of Year 10, students begin their Non-Examined Assessment following set themes from the exam board. Students are encouraged to explore problem-solving projects and due to their high levels of ability, we encourage innovative and varied ideas.

A Level

At A-level, students study OCR Design Technology – Product Design. They explore projects that reflect their own personal interests and skills and are expected to source their own 'Primary User' who can advise them throughout the designing and making process. Building on iterative design, students complete a significant number of prototypes and models to perfect their ideas before fabricating their final product. Our aim is for students to create a product with a unique and innovative function combined with a high quality of finish.

2018 A Level Project – Diving block with articulated platform for beginner and advanced swimmers



Terms and Conditions of the Post

The GDST offers attractive salaries and pay progression, when compared with the education sector generally, and has its own pay and grading structure, and system of career progression. Leadership and teaching excellence are recognised and rewarded in its schools. The salary reflects London weighting.

Benefits include:

- Membership of Teaching Staff Pension Scheme
- Access to the GDST central training and development programme
- Up to 50% discount on fees for children at GDST schools
- Training grants for obtaining further qualifications
- Season Ticket Loans: Interest free loans for travel are available to staff to enable them to buy annual season tickets
- Computer Loans: Interest free loans are available to staff to enable them to buy a computer for personal use at home
- Cycle Scheme: the School is part of the scheme which enables staff to purchase bicycles and equipment at a tax advantageous rate and pay for the equipment over 12 months
- Lunches: free lunches are provided to all staff during term time
- Four weeks' study leave for teachers after ten years' continuous service
- Accredited NQT induction
- There is a possibility of accommodation for September 2019

Application and Interview Process

Applications should be submitted by **midday, on 21st March** at the latest; however, applications may be considered in advance of the deadline. Candidates should complete the application form provided and also include a covering letter and full curriculum vitae with details of qualifications and experience and the names, addresses, telephone numbers and email addresses of two professional referees, one of whom should be the Head of their present or most recent school.

Completed applications should be sent to:

Mr Matthew Shoults
Headmaster
Notting Hill & Ealing High School
2 Cleveland Road, London W13 8AX

or may be emailed to: recruitment@nhehs.gdst.net

Shortlisted candidates will be invited for interview on **26th March**. As part of this process, they will be expected to teach a lesson of up to 35 minutes for which a full prior briefing will be given. All applications will be acknowledged and candidates who have not heard from us further within two weeks of the closing date should assume that the post has been filled.

All adults employed at the school are cleared for working with children and young people through the Disclosure & Barring Service. Please see attached full information regarding the Girls' Day School Trust guidelines on the Safeguarding of Children.

Further information about the school can be found on our website at: www.nhehs.gdst.net

[Application Form](#)