



NOTTINGHAM

HIGH SCHOOL

Teacher of Maths and Computing (September 2018)

Information for Candidates about the role and the
School: A Guide to Nottingham High School

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Nottingham High School

The High School is an independent day school (HMC), founded in 1513, which relocated to the Arboretum in 1867 and which became co-educational in 2015. A Junior School was established in 1905, moved into new accommodation in 1978 and admitted infants in September 2008.

The Infant and Junior School (ages 4-11) has over 250 pupils. The Senior School selects for entry at age 11+ and 16+. There are roughly 800 pupils in the Senior School and a vibrant Sixth Form of over 200. The school's move to co-education has been a great success with 180 girls in School during the third year of co-education and with further significant growth planned in future years.

The High School is a school of national reputation, the Headmaster having membership of HMC, the Infant and Junior Head membership of IAPS. Staff from cluster groups of local independent schools and national large day schools meet annually.

The High School has a very strong academic reputation and achieved the best examination results in the region last summer.

The School has an extensive pupil catchment and is first choice for much of Nottinghamshire, Derbyshire, Lincolnshire and Leicestershire. The School operates a number of coaches to transport pupils.

Pupils come from a wide range of backgrounds and the School is committed to maintaining a representative entry, supporting this with generous bursary and scholarship funds. Together, these mean that about a fifth of pupils receive some form of financial assistance.

Entry is by competitive assessment in the Spring Term.

The Future

The person appointed will be joining a dynamic innovative school. Staff are keen to embrace new methods and technology. The website www.nottinghamhigh.co.uk contains links to Twitter accounts for various parts of the school.

Each of the parts of Nottingham High School has a comprehensive development plan for the future focusing on teaching and learning, pastoral care and co-curricular activities as well as building developments. A first class Sixth Form Centre

and a modern dining facility was completed in 2009 adding to new and refurbished facilities across all parts of the School. A major extension to the Junior School is currently under construction.

Mathematics at Nottingham High School

The Department is the largest single department in the School and currently comprises 11, well-qualified mathematicians. It has an excellent record over many years in public examinations and prides itself in helping every pupil to achieve their potential. The atmosphere in the Department is one of open friendliness and pupils and students are encouraged to speak with anyone in the Department about mathematics at any time. All members of the Department take an active part in extra-curricular activities offered by the School.

There are eight maths teaching rooms, fitted with interactive projectors as well as 'normal' white boards. In addition, there is a mathematics work and resources room, which contains an extensive maths library, worksheets, internet access points and many other useful resources. The rooms are located in the vicinity of the Common Room making them very easily accessible for both staff and pupils. The staff are equipped with individual laptops are encouraged to use appropriate software in their lessons such as Autograph, Geogebra, Cabri-Geometre and many other packages readily available.

Junior Mathematics

Year 7 pupils are taught in forms initially, with setting sometimes taking place from January. Year 8 and Year 9 pupils are set according to ability, with all sets following the same course and sitting the same half-term tests; lower sets benefit from a slightly slower pace of working and usually smaller groups. All year groups have regular homework and tests set every half-term to assess progress. Extended Investigational Tasks and ICT tasks are integrated into each year's programme. At the end of each year an exam is set to measure overall progress.

Throughout Years 7 and 8 a small group of students who are identified as having difficulties with mathematics join our Buddy Scheme. This is a weekly session where help is given on a one to one basis by Sixth Form students

A weekly problem sheet is produced internally and students are encouraged to tackle the monthly UKMT mentoring problem sheets.

GCSE Mathematics

We have five or six sets in Years 10 and 11, with slightly smaller numbers of students in the lower sets so that they can be given more help in class. We follow the Edexcel Maths specification. Some Year 11 pupils will enter for the OCR Free Standing Maths Qualification (FSMQ) Additional Mathematics. Examination results are excellent. We

extend our pupils, especially those in A sets, by covering a number of topics beyond the GCSE syllabus.

A Level Mathematics

Approximately two-thirds of students in Year 12 study Mathematics [Edexcel]. This includes approximately 15 students who study Further Mathematics to A2 level though this number is expected to be much higher next year.

Most of our students have an impressive record of success and progress on to a wide variety of courses at university, illustrating how useful an advanced grounding in mathematics is in many careers.

We offer a twice weekly drop-in workshop to sixth formers to come along and discuss any problems that they may be having with any part of their mathematical studies and to receive individual help from a member of staff.

Our Further Maths students are encouraged to enter for AEA and for the STEP [written by Cambridge University] in Mathematics and to tackle the Student Problems in the Mathematical Gazette magazines.

Maths Challenges

The Maths Challenges, set by the UKMT, are sat by Years 8, 10 and sixth form mathematicians. Students routinely gain certificates in these challenges. A select few do well enough in these challenges to qualify for the follow-up Olympiad rounds.

Computing at Nottingham High School

ICT and Computer Science at Nottingham High School aims to equip students with knowledge of the foundations of the subject area and the skills necessary to apply their discipline to real-world problems. In our rapidly changing world, the demand for jobs in Information Technology is growing. The ICT and Computer Science department can give pupils the skills they need to succeed in this exciting industry.

Key Stage 3 students are taught a mixture of ICT and Computer Science. All pupils are given the opportunity to be confident users of computers with applications such as word processing, spreadsheets, databases, graphics, web-design and programming software, by the end of Key Stage 3.

From September 2018, we have a strong cohort of students who have opted for a GCSE in Computer Science. The exam and board we have chosen is the Cambridge Assessment International Education iGCSE qualification.

The department has access to two Computer Suites equipped with the latest hardware and software, interactive projectors and whiteboards, and an Apple TV. In addition to a BYOD policy, where students are able to use their own devices, there are class sets of iPads for use. Students are encouraged to use the computer facilities to pursue their own interests and many use devices in the preparation and presentation of their projects.

As well as the standard Microsoft applications (including Office 365), Nottingham High School uses a wide range of specific subject software, including Scratch, KODU, FLOWOL, Python, HTML, CSS, and we have access to online applications and texts to support the curriculum. Other departments have ICT facilities, which can be shared across all subjects: Modern Languages, Art, Design Technology, Music and Science.

We run a Programming Club on a Wednesday lunch time where students are encouraged to learn and develop their coding skills. Every year we take part in the Hour of Code event and the Bebras Computational Thinking Challenge. In the latter, we achieved the top scores for Nottinghamshire, and the School was represented at the finals in Oxford. We also take part annually, in the British Informatics Olympiad. A former student was chosen to represent Britain in the International Informatics Olympiad, which was held in Kazakhstan. Several of our students have gone on to study Computer Science at university.

Job Description and details

Teaching Responsibilities

All Teachers are appointed by the Headmaster. The following lists the general responsibilities of all teachers, although there will be differences between individual teachers responsibilities.

Responsibilities

- Teaching the subject at Key Stage 5 (Maths only - essential).
- Offering the possibility to teach a second subject may be an advantage at KS3 (Computing).
- Planning and preparing relevant material and activities to teach the classes allocated, according to the policies of the department(s) to which the teacher is accountable.
- Setting and marking pupils' work regularly and appropriately for the subject(s) taught in line with School and Departmental policy: recording marks, monitoring progress and writing reports as required.
- Participating in the arrangements for preparing and assessing pupils' work for public examinations.
- Cooperating with colleagues in operating mark schemes, researching materials, participating in training and developing new courses.
- Participating in the Staff Appraisal Scheme and cooperating with the appraiser. Ensuring subject knowledge and teaching skills are kept up-to-date.
- Being available at all reasonable times during the school day and during school holidays when necessary at pre-arranged times. Covering for absent colleagues.
- Sharing in the pastoral responsibility for all pupils in the School and especially for those in the teacher's tutor, house or teaching group, liaising where appropriate with Tutors, Heads of Year and senior staff.
- Maintaining good order and discipline among pupils, safeguarding their welfare, health and safety at all times when they are the responsibility of the School. Being familiar with the School and Departmental policies on child protection, discipline and health and safety.
- Sharing in supervisory duties and general duties; upholding good standards of behaviour, dress and punctuality among pupils.
- Ensuring, where appropriate, that work is well displayed in teaching rooms and a high standard of tidiness is maintained.
- Attending Departmental Meetings and general Staff Meetings, and participating in smaller working groups as appropriate.
- Attending Assemblies and, as often as is reasonable, other School and Departmental activities, events and trips, playing an active part in wider aspects of School life. Attending Parents' Evenings, Prize givings and Open Days.

Benefits of Service

Professional Opportunities and Career Development

The High School believes in, supports and resources an extensive system of continuing professional development and all teachers and non-teaching staff participate in it throughout their careers. The School has developed an Appraisal Scheme for teaching staff. Each member of staff has a Line Manager with whom they have Professional Review or appraisal meetings for their individual personal development. In this case, the Heads of Department are the Line Manager.

Working Environment

This is an enjoyable and stimulating place to work. Staff Rooms and Staff Common Room areas are provided where complimentary tea and coffee is provided during the day. Members of the Staff Common Room organise a series of social events during the year for teaching and support staff including an annual Christmas event. Many of the facilities of the School are open to staff and their families, including the swimming pool.

The School is on the Nottingham Tram system with its own 'High School' tram stop. Employees who have children in the School currently benefit from some remission of fees in accordance with School policy, at the discretion of the Governors and are subject to amendment or withdrawal at on calendar year's notice.

Living in Nottinghamshire

Good quality housing in Nottinghamshire and the surrounding counties is affordable and as a result many of our teaching staff have a good choice of areas to live in and experience a good quality of life. Most live within a twenty-minute commute of school. There are many attractive villages surrounding the city in which staff choose to live as well as a good stock of suburban housing in the city. In the centre of the city there has been considerable development of high quality apartments.

As well as the facilities which would be expected of a city with two universities, Nottingham boasts the Royal Concert Hall and two theatres.

Conditions of Service

This is a full time post. The successful candidate will be expected to contribute to the full programme of co-curricular activities at the School.

Safeguarding and Child Protection at Nottingham High School

Nottingham High School is totally committed to doing all it can to ensure the safety and wellbeing of all its pupils.

A comprehensive policy document, 'Safeguarding and Child Protection at Nottingham High School' is published on the school website via the following link:

<http://www.nottinghamhigh.co.uk/about-us/school-policies>

All adults who work at the School must recognise that there is an absolute duty to respond to any issues that are brought to their notice and as such, this post is subject to an enhanced DBS check. The post holder's responsibility for promoting and safeguarding the welfare of children for whom s/he is responsible, or with whom s/he comes into contact will be to adhere to and ensure compliance with the School's Child Protection and Safeguarding Policy at all times. Any safeguarding concerns must be reported to the School's Designated Senior Lead.

Training in safeguarding children is given to new members of staff and covers essential issues such as:

1. Definition of Child Abuse.
2. Typical Indicators of child abuse.
3. Details of what an adult must do if a child wishes to make a disclosure of abuse.
4. The procedure for recording a disclosure.
5. The need to discuss any Child Protection concerns with the appropriate Designated Senior Lead (DSL) without delay.
6. The requirement to lodge any 'Record of Child Protection Concern' with the (DSL) immediately.
7. An outline of how the work of the DSL relates to the City and County Safeguarding Children Boards.

The DSL for the Senior School is the Deputy Head (Pastoral), Miss Lisa Gritti.

Phone: Direct 0115 845 2206 or internal 206

Email: gritti.l@nottinghamhigh.co.uk

The DSL for the Infant and Junior School is the Head, Mrs Clare Bruce.

Phone: Direct 0115 8452211/2283 or internal 211/283

Email: bruce.ca@nottinghamhigh.co.uk

Selection Process

Equal Opportunities

The High School seeks to recruit individuals of the highest calibre. We welcome applications from all sections of the community. The High School recognises its responsibility to treat equally each person who comes into contact with the School.

All members of the School are equally valued so that they can develop a sense of self-esteem. No-one is discriminated against because of actual or imagined differences.

This policy applies to both staff and students, and it is the responsibility of all staff to promote practices which overcome prejudice in our society.

The Application Process

Candidates should complete their application form electronically and email it to teach@nottinghamhigh.co.uk addressed to Kevin Fear, Headmaster. There is no need to submit a CV.

Application Form

- Applications will only be accepted from candidates completing the enclosed Application Form in full. CVs will not be accepted in substitution for such forms.
- Candidates should be aware that all posts in the School involve some degree of responsibility for safeguarding children, although the extent of that responsibility will vary according to the nature of the post. Accordingly, this post is exempt from the Rehabilitation of Offenders Act 1974 and therefore all convictions, cautions and bind-overs, including those regarded as 'spent' must be declared.
- The successful applicant will be required to complete a Disclosure from the Disclosure and Barring Services at the appropriate level for the post.
- We will seek references on shortlisted candidates and may approach previous employers for information to verify particular experience or qualifications, before interview.
- If you are currently working with children, your current employer will be asked about disciplinary offences, including disciplinary offences relating to children or young persons (whether the disciplinary sanction is current or time expired), and whether you have been the subject of any child protection allegations or concerns and, if so, the outcome of any enquiry or disciplinary procedure. If you are not working with children but have done so in the past, that previous

employer will be asked about those issues. Where neither your current nor previous employment has involved working with children, your current employer will still be asked about your suitability to work with children, although a current employer may, where appropriate, answer not applicable if your duties have not brought you into contact with children or young persons.

- You should be aware that provision of false information is an offence and could result in the application being rejected or summary dismissal if the applicant has been selected and possible referral to the police and/or DfE Children's Safeguarding Operation Unit.

Invitation to Interview

If you are invited to interview this will be conducted in person and the areas which it will explore will include suitability to work with children.

- The interview process for this role may include the requirement to teach a lesson, coach a games session or to undertake relevant activities.
- All candidates invited to interview must bring documents confirming any education and professional qualifications that are necessary or relevant for the post (e.g. the original or certified copy of certificates, diplomas etc.) Where originals or certified copies are not available for the successful candidate, written confirmation of the relevant qualifications must be obtained from the awarding body.
- We will provide full information about the documents to confirm identity required for those invited to interview. Please note that originals of these documents will be required. Photocopies or certified copies will not be sufficient.

Conditional Offer of Appointment: Pre-Appointment Checks

Any offer to a successful candidate will be conditional upon:

- receipt of satisfactory references (if these have not already been received)
- verification of identity and qualifications
- evidence of the right to work in the UK
- a Barred Check List
- a satisfactory Enhanced DBS disclosure (original certificate must be shown to school staff) and Staff Suitability Self-declaration
- verification of professional status such as QTS Status (where required)
- (for teaching posts), verification of successful completion of statutory induction period (applies to those who obtained QTS after 7 May 1999)
- a check of the list of teachers prohibited from the profession

- where the successful candidate has worked or been resident overseas in the previous five years, such checks and confirmations as the School may require in accordance with statutory guidance
- verification of medical fitness in accordance with DfE Circular 4/99 Physical and Mental Fitness to Teach of Teachers and Entrants to Initial Teacher Training
- satisfactory completion of the probationary period

Warning

Where a candidate is:

- found to be on DfE list 99 or the Barring List, or the DBS disclosure shows s/he has been disqualified from working with children by a Court: or
- found to have provided false information in, or in support of, his application or
- the subject of serious expressions of concern as to his/her suitability to work with children the facts will be reported to the Police and/or the DfE Children's Safeguarding Operation Unit.

Applications should sent electronically to teach@nottinghamhigh.co.uk no later than **12pm on Monday 5th March**. Interviews will most likely take place during the week commencing **Monday 12th March 2018**.

Applications (by email) to:

teach@nottinghamhigh.co.uk

Nottingham High School
Waverley Mount
Nottingham NG7 4ED

0115 978 6056

info@nottinghamhigh.co.uk
www.nottinghamhigh.co.uk