

**PART-TIME TEACHER OF CHEMISTRY**  
**APPROX 0.67 FTE**  
**REQUIRED FROM SEPTEMBER 2021**  
**INFORMATION FOR APPLICANTS**



**Grangethorpe Road, Manchester M14 6HS**  
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[www.manchesterhigh.co.uk](http://www.manchesterhigh.co.uk)

## **MANCHESTER HIGH SCHOOL FOR GIRLS**

Manchester High School for Girls is one of the leading independent girls' day schools in the country. It is a selective, academic school and last summer's public examination results at both Advanced and GCSE level were excellent, placing the School amongst the top schools nationally.

For 146 years, Manchester High School for Girls has taken pride in giving girls an academic education of the highest quality. Founded in 1874, the School has made a pioneering contribution to the development of women's education. All three of Mrs Pankhurst's daughters were educated here. The School takes its inspiration from its traditions and continues to produce students who distinguish themselves in many professions, becoming role models of successful and influential women. The character of the School has also been shaped by its accessibility to girls from a wide variety of social, cultural and religious backgrounds so that a community has developed which both values individuality and promotes tolerance.

The School is a non-denominational, independent day school, which has charitable status. It is also a member of the Girls' Schools Association and of the Association of Governing Bodies of Independent Schools. Since 1893, the School has provided means tested financial support for a significant number of girls. A range of school bursaries is currently offered in order to make places available to those from low income families, and currently approximately 10% of girls in the Senior School are in receipt of some form of financial assistance. The girls are drawn from a broad geographical area including Greater Manchester, Cheshire, Derbyshire and Lancashire. Special buses transport most of the girls to school and there is a supervised 'girls only' bus serving both the preparatory and the senior girls who live in the Hale, Altrincham and Bowdon areas. Admission to the Senior School is by examination and interview. Entry to the Preparatory Department is from the age of 4 and sometimes occasional vacancies are available for entry at other ages. Admission is selective by means of an assessment for infants and an entrance examination in Mathematics and English for the juniors.

The Senior School caters for girls from eleven to eighteen and the Preparatory Department provides for girls from four to eleven. Most girls in the Preparatory Department progress into the Senior School. The majority of our eleven-year-old entrants, however, are drawn from many other schools, both independent and maintained primary. Some are admitted at sixteen to pursue Sixth Form courses. Currently there are 248 girls in the Preparatory Department, 554 in the senior school, and 187 in the Sixth Form.

### **The Curriculum and Timetable**

Upon entry, girls are placed in one of four parallel form groups in which they are taught for most subjects, although setting is implemented in some subjects. All follow an extensive, strongly academic programme of study, culminating in outstanding examination results at GCSE and A-Level. In 2020, 98% of A-level grades awarded to MHSG students were A\* to B. These results are in line with the fantastic performance of our girls from the Class of 2019 and 2018. In 2019, 91% of our students' A-level grades were A\*– B and in 2018, 93% were A\*– B.

86.5% of all GCSE grades awarded to our students in 2020 were grade 7 or above – and the vast majority of our Year 11 girls chose to stay on to join the MHSG Sixth Form. We're very proud of the girls' excellent academic performance in this and previous years; in 2019 73.4% of our girls' GCSE grades were grade 7 or above (A\*/A) - and in 2018 this figure was 69.6%.

The School offers a wide choice of subjects at 'A' level and GCSE, with over 20 subjects offered at each level. Girls take the equivalent of 9 or 10 GCSEs and, currently in the Senior Sixth 3 or 4 A-level subjects. Almost all leave to pursue a degree at a university of their choice and, each year, a significant number gain admission to Oxford or Cambridge.

### **Pastoral Support, Care and Guidance**

Highly effective systems of student support have been established where the roles of the Form Tutor and Heads of Year are pivotal. The work of the pastoral team is greatly enhanced by the School Nurses and the School Counsellor. Other key staff who contribute to the provision of pastoral support, care and guidance include the Director of Sixth Form Studies, a Learning Support Co-ordinator, Well Being Co-ordinator and Head of Careers. Administrative support for the work of the Deputy Head (Pastoral Care) and the Heads of Year is provided by the Pastoral Secretaries.

### **Current staffing**

The staff of the Senior School consists of the Head Mistress, two Deputy Heads, Bursar, two Assistant Heads and 76 teachers (51 full-time and 25 part-time). The Preparatory Department is led by the Head of the Department, who is responsible to the Head Mistress, with 18 teachers (15 full-time and 3 part-time) and 9 teaching assistants. The Deputy Heads, the Bursar, the Assistant Heads, the Head of the Preparatory Department and the Development & Marketing Director form a Senior Leadership Team working closely with the Head Mistress. In addition there are 13 technicians, a full-time professional librarian with 2 assistants, 5 visiting speech and drama teachers and a large team of visiting instrumental music teachers. A school doctor is in regular attendance and there are 2 part time school nurses. The Head's Personal Assistant is also the Office Manager and there are 15 other ancillary staff supporting the offices of the Head and the Bursar, as well as providing administrative assistance for the staff. In addition, there is an Estates Manager and 7 maintenance staff.

### **Extra-curricular activities**

Normally, there is a wide variety of extra-curricular activities, which are well supported by girls and teachers. Many take place at lunchtime but, in addition, there are numerous theatre visits and field trips which offer the opportunity for students to develop and follow their interests and talents in music, drama, sport and academic areas. Every year there are drama productions and music festivals; the School's performance activities have an excellent reputation. There is a full schedule of sporting fixtures including netball, cross-country, hockey, athletics, tennis, rounders, swimming and water polo. All girls in Year 7 attend a residential induction course and there are regular opportunities to participate in sport tours and other trips abroad.

### **Accommodation**

In the last sixteen years, an ambitious refurbishment and development schedule has seen the classrooms, laboratories and specialist subject accommodation transformed. Modernisation of the dining room and kitchens, library, main hall, lavatories, three ICT suites, two language laboratories and greatly improved work facilities for staff have completed the upgrades. The construction of an impressive Sports Complex, with fitness suite and climbing wall to augment the existing swimming pool, Astroturf pitch and dance studio was completed in September 2006. A free membership scheme for staff to the Fitness Suite is available. A first floor extension and refurbishment of the Preparatory Department providing four additional classrooms was completed in August 2012. A state of the art Sixth Form Centre was completed in summer 2014.

### **Development and Marketing Department**

The School's Development and Marketing Department consists of Director of Development and Marketing, an Alumnae and Development Manager and the Marketing and Communications Manager. Marketing is responsible for overseeing anything related to the Manchester High School for Girls 'brand' and promoting what is on offer here to prospective parents and students through advertising and PR, including maintaining the School's various social media platforms and website.

The Development aspect of the department's work involves maintaining links with over 4,000 members of the School's alumnae community and raising funds for the School's Bursary Fund. Development is heavily involved in organising a number of flagship events in the Manchester High calendar, including the annual Founders' Lecture. The links the department has are vital in enabling the School to build close working relationships with the Manchester business community.

Development also supports the Careers Department by managing Project Pankhurst (our alumnae mentoring scheme for Sixth Formers) and the 'Insight Into...' careers evenings.

### **Inspection and Future Plans**

The Independent Schools Inspectorate (ISI) conducted a regulatory compliance and educational quality inspection of Manchester High School for Girls in November 2019. The School was found to be fully compliant with all of the regulatory requirements and achieved the highest possible rating of "excellent".

A strategic development plan which runs from 2019-2022 is in place. The School is continuing to work to maintain a culture in which learning is pre-eminent and in which change is welcomed in the pursuit of improvement.

## **AGREED STATEMENT OF EDUCATIONAL PURPOSE AND AIMS**

### **Purpose**

Manchester High School for Girls was founded in 1874 "To impart to the girls the very best education which can be given and to fit them for any future which may be before them".

Today, the School maintains these guiding principles by encouraging each individual pupil to achieve educational excellence over a broad range of subjects and to develop an awareness of her own value and a sense of responsibility towards others.

### **Aims**

The School aims to:-

- Develop an understanding of the value of education as an end in itself and to instil a love of excellence and culture.
- Encourage the achievement of the highest academic standards and individual potential.
- Provide a broad and varied range of subjects and activities offering each girl the opportunity to develop her talents within a single sex school.
- Educate the whole person so that girls leave school with a sense of self-worth, self-discipline, and an ability to contribute with confidence in an increasingly competitive and technological world.
- Draw on the School's social, cultural and religious mix of pupils, to enable girls to live and grow in an atmosphere of mutual respect.
- Encourage qualities of caring, kindness, honesty and loyalty and to foster high moral standards.

## **The Chemistry Department**

The successful applicant will be joining a thriving, hardworking, and very successful department. The departmental team consists of four other full time teaching staff, together with an extremely well qualified technician. Teaching staff teach across all years in accordance with the departmental aims and objectives and schemes of work. At A-Level, teachers share classes but all teachers can teach the full specification content. The department places a great emphasis on efficiency and consistency, with all teachers using and contributing to common resources, including assessments, and regularly taking opportunities to share good practice.

The Chemistry Department has three dedicated chemical laboratories and a prep room in the main school building as well as three new science laboratories and shared prep rooms in the new sixth form block. The Chemistry office allows for each member of the department to have their own individual work area. The department is extremely well resourced and organised, with an efficient system for ordering and delivering practical activities, and includes ICT and data-logging facilities. All students are provided with their own textbook(s) to support their studies and there is a well-equipped library.

## **Curriculum**

Schemes of work aim to deliver a challenging and enjoyable programme of study and to accommodate a variety of teaching and learning styles. Practical activities and demonstrations are incorporated throughout in order to support theory, and for all such activities risk assessment is essential. The Departmental intranet site is well used and constantly evolving. We subscribe to the Nelson Thornes e-learning site Kerboodle for both AS and A-level as well as KS3.

Students in Years 7 and 8 have one lesson of Chemistry each week. In Year 9 students are taught in “blocks” for two lessons per week of Chemistry for two thirds of the year. Students start studying GCSE content in Year 9. Throughout Key Stage 3, four tutor groups are typically divided into smaller classes for the delivery of Chemistry, as well as other practical subjects.

Year 10 and 11 students study all three separate science AQA GCSE courses or the double award AQA GCSE course (Trilogy). Double award students are still taught in separate Biology, Chemistry and Physics classes.

Chemistry is an extremely popular subject at MHSG and typically has the largest cohort at A-level. Approximately 55-60 students study AQA A-level Chemistry in Year 1 and of these, approximately 45-50 continue to Year 2 of the course. Class sizes are generally around the maximum number of 16 in Year 1 of the course and decrease slightly in Year 2.

There are two weekly Chemistry Clinics, one for sixth form students and one for KS3 and KS4 students, where individual support is provided.

External examination results at GCSE and A-Level are excellent. At GCSE level in 2019, 76% of students achieved Chemistry GCSE grades 7-9 (39% were at grade 9). At A-level, a similarly high percentage of students achieved A/B grades, with 72% of the cohort achieving an A\* or A grade. In 2020, 91% of all Chemistry GCSE grades awarded were 7-9 and 88% of all A-level Chemistry grades awarded were A/A\*.

Popular courses at University include medicine, dentistry and pharmacy, but students also study Chemistry in order to follow science disciplines such as Chemistry and Natural Sciences, or for some students, just as a subject they enjoy.

**Extra-curricular**

The department offers a wide variety of extra-curricular activities. In the KS3 Science Club students can work together on projects. Each year students take part in various RSC or Salter's competitions held at local universities (ChemQuiz, Festival of Chemistry, Schools' Analyst) and are often successful in obtaining places on Gold CREST Nuffield placements during the summer. In Advanced Chemistry discussion group sixth form students extend their chemistry beyond the specifications culminating in excellent results in the Cambridge Chemistry Challenge and International Chemistry Olympiad.

The Department is keen to both maintain our links with Manchester University and establish new links with local industries. In the past, staff from Manchester University have delivered both a Christmas Chemistry "Flash Bang" show to KS3 and KS4 students, as well as the RSC Spectroscopy in a Suitcase activity to our A-level chemistry students.

Keen to share both our specialist knowledge as well as our excellent facilities, members of the department are also actively involved in outreach programmes with our own preparatory school students and staff as well as with a local inner city primary school.

## THE POST, JOB DESCRIPTION AND PERSON SPECIFICATION

<b>Responsible to:</b>	The post holder will be directly responsible to the Head of Chemistry
<b>Post:</b>	Part-time Teacher of Chemistry (approx. 0.67 FTE)
<b>Salary Grade:</b>	National Pay Scale for teachers + MHSG allowance of £1000 per year. UPS payments are paid to those fulfilling the criteria.
<b>Required from:</b>	September 2021

### KEY RESPONSIBILITIES

#### Teaching and Learning

1. To plan and prepare lessons for students according to their age and aptitude including the setting and marking of work according to the school's teaching and learning policy.
2. To assess, record and report on the development, progress and attainment of students in accordance with school policies.
3. To participate in arrangements for preparing students for both internal and public examinations and in assessing students for the purpose of such examinations; recording and reporting such assessments; and participating in arrangements for students' presentation for and supervision during such examinations.
4. To communicate, consult and, where appropriate, co-operate with parents and other persons outside the school.
5. To contribute to oral and written assessments, reports and references relating to individuals or groups of students.

#### Administration and Supervision

1. To co-operate with the Head of Department and carry out any reasonable duties at his/her request and to advise on resources.
2. To maintain good order and discipline among the students of the school and safeguard 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.
3. To participate in meetings at the school, or externally, which relate to the curriculum for the school or the administration or organisation of the school including pastoral arrangements.
4. To supervise and, so far as practicable, teach for a reasonable length of time any students whose teacher is not available to teach them.

#### Pastoral Support and Guidance

1. To carry out tutor administrative duties on behalf of the school.
2. To provide a stable framework for girls within the particular tutor group and to help them relate to the rest of the school community.
3. To monitor the academic progress and pastoral welfare of each girl in the form, initiating appropriate action where necessary.
4. To act as a point of reference between parents and staff who teach the group.
5. To deliver the Well-Being programme.

#### Professional Development

1. To participate in the system of Professional Review and Development.
2. To review methods of teaching and participate in arrangements for further training and professional development as a teacher.
3. To keep up to date with ICT developments to a level that enables a teacher to carry out their responsibilities effectively.

**General duties**

A teacher shall perform in accordance with any directions which may reasonably be given to her/him by the Head Mistress from time to time such particular duties as may reasonably be assigned to her/him.

To carry out any other reasonable request of the Head Mistress

This job description may be subject to reasonable changes in the future, to reflect changing circumstances and to aid professional development.

**PERSON SPECIFICATION****Essential Criteria**

- Honours graduate
- Qualified teacher status
- Ability to teach GCSE, AS and A-level Chemistry
- An enthusiasm for the subject and the ability to communicate this successfully to colleagues and students
- Excellent organisational and administrative skills
- An excellent classroom practitioner with a creative and imaginative approach to teaching and learning
- Knowledge of current health and safety practices applicable to the teaching of Chemistry
- Exceptionally well-developed inter-personal skills
- The ability to work calmly under pressure and to relate to a wide range of people within the school
- A willingness to contribute to the school as a whole and in particular to extra-curricular activities
- Ability to think and plan strategically
- Rigorously professional in all respects
- A sense of humour
- Smart appearance

**Desirable Criteria**

- Ability to teach another science to KS3 / GCSE level
- Experience of using Teams to deliver remote education
- Experience of delivery of the A-level practical programme.



## ADDITIONAL INFORMATION

### Salary and Other Benefits

- There is a 50% discount on school fees for the daughters of full-time members of staff. For part-time staff, the discount is pro-rata
- There is a generous staff training budget. All colleagues are encouraged to continue their professional development.
- Teachers are automatically members of the Teachers' Pension Scheme, unless they choose to opt out of the Scheme.
- Colleagues are served by two of our catering team throughout the day. Tea, coffee and biscuits are provided at break and at the end of the school day. A separate staff dining room with an extensive and reasonably-priced choice of food and waitress service is available from 12 noon to 2.00 p.m. serving subsidised meals to all staff. Light refreshments are provided for colleagues who remain in school for evening events.
- We offer an Employee Assistance Programme alongside a number of free staff wellbeing initiatives.
- We offer free on-site parking.

### Other Information

- This School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.
- MHSG is committed to equal opportunities for all of its employees and its policy is available on request.
- The School has a no-smoking policy throughout the premises, and a smart dress code.
- Applicants should note that the School is committed to safeguarding and promoting the welfare of children. All applicants who are offered employment will be subject to an enhanced criminal record check and the Children's Barred List check for the Child Workforce from the Disclosure & Barring Service (DBS) which must be cleared before the appointment is confirmed. Candidates will be required to submit the subsequent DBS certificate to the School prior to their employment. All candidates are also required to present their examination qualifications for inspection at the interview stage
- In accordance with the Asylum and Immigration Act 1996, the Governing Body will require candidates to provide documentary evidence at interview that they are legally entitled to live and work in the United Kingdom.
- Manchester High School for Girls adheres to the Data Protection Act 2018. We will obtain information about you including any criminal convictions you may have. All information will be kept confidential and it will only be used to process your application. If your application is unsuccessful, all your information will be deleted from our systems and disposed of in a secure manner.
- Upon appointment the successful candidate will be required to complete a medical questionnaire which will be kept on their confidential personnel file.
- The School website, **[www.manchesterhigh.co.uk](http://www.manchesterhigh.co.uk)**, is regularly updated and has a wide range of additional information, including the full ISI Regulatory Compliance and Educational Quality Inspection report from November 2019.

## ARRANGEMENTS FOR APPLICANTS

1. Please apply by submitting to the Head Mistress at [recruitment@mhsg.manchester.sch.uk](mailto:recruitment@mhsg.manchester.sch.uk):
  - a fully completed application form, including examination grades, dates of awards and the names and contact details of two referees, one of whom must be your current or most recent employer. Applicants should note that we write for references during the selection procedure and the School will check with past employers as to the suitability of a candidate to work with children.
  - a supporting letter outlining how your experiences and/or personal qualities would enable you to contribute to the development of a thriving department and school.
2. The closing date for receipt of applications is **9.00am on 8<sup>th</sup> March 2021**.
3. Interviews will take place during the week commencing **15<sup>th</sup> March 2021**.
4. Unfortunately, we are not able to acknowledge all applications, but applicants who have not been invited for interview by the date indicated above should assume that, on this occasion, their application was unsuccessful.