



Devonport High School for Girls

A Specialist Language College



Applicant Information

Teacher of Chemistry

Permanent • Part-time 0.7 FTE • Required from January 2022

Dear Applicant

Thank you for your interest in the position of Teacher of Chemistry at Devonport High School for Girls (DHSG).

DHSG is seeking to appoint a well-qualified, confident and enthusiastic Teacher of Chemistry to join our successful Science Department on a part-time contract of 0.7 FTE.

We are a highly successful and oversubscribed 11-18 selective grammar school and one of the country's highest performing state schools. The school has strong international links and helps to create successful and happy young people who have the skills to carry out leading roles in the world.

This is fantastic teaching and learning opportunity that would suit both experienced and newly qualified teachers whose aim it is to motivate students to reach the highest levels and develop the skills to achieve. The successful applicant will be able to teach all Sciences at Key Stage 3 and Chemistry up to A Level.

We are always looking to develop new ideas and approaches to science teaching and are currently exploring how teacher instruction supports outstanding progress.

In this applicant information pack, you will find a Job Description, a Person Specification and information on how to submit your application.

If you have the energy, skills and motivation to join us and make a difference, we would welcome an application from you.

Yours faithfully



Mrs B Bell
Acting Head Teacher



The City

Plymouth is the largest city south west of Bristol, with a population of approximately 260,000. Located overlooking one of the world's finest natural harbours, it is a city with a proud history.

Recent years, have seen Plymouth develop further as a cultural as well as a commercial, industrial and tourist centre. The city is served by a very active Arts Centre, the Theatre Royal, Plymouth Pavilions and the Life Centre - one of the country's leading sporting venues. Plymouth is also home to the University of Plymouth and Plymouth Marjon University.

There are regular ferry services to Roscoff, France and Santander, Spain. The Devon Expressway (A38) links Plymouth to the national motorway system and the intercity rail journey to London takes approximately three hours.

Plymouth has developed very strong twinning links with cities in Russia (Novorossiysk), Spain (San Sebastian), France (Brest), Poland (Gdynia) and Massachusetts, USA (Plymouth). There are also extensive educational links with many more towns and cities.

Click and open the hyperlink in the image to find out why Plymouth is such an attractive city.



The School

Devonport High School for Girls was established in 1908 and is situated on a lovely green site overlooking Plymouth's Central Park, approximately two miles from the city centre. It is an 11-18 selective girls' grammar school and became an Academy in April 2011.

There are approximately 850 students on roll, including around 225 in the Sixth Form. Students come from Plymouth and the surrounding counties of Devon and Cornwall.

The school is part of The Link Partnership (TLP) with four other schools in the city in order to extend curriculum provision for students in the Sixth Form.

In 2005 the school was granted Specialist Schools Status for Languages. We offer several languages including French, German, Spanish, Chinese and Latin. There is a dedicated Language Laboratory, and exchange and business links have been established within the UK and worldwide. The school first achieved International School status in 2006 and has recently received the award for the fifth time.

As well as its strong international links, Devonport High School for Girls has gained a reputation for academic excellence, which helps launch its students on their chosen career paths. The work ethic in the school is very strong and staff are deeply committed to their teaching.

The school places a strong emphasis on developing the whole person and as part of this commitment organises a broad range of enriching extra-curricular opportunities and a comprehensive programme of field visits, with opportunities for students to travel abroad.

The staff of approximately 100 teaching and support staff (a mixture of full-time and part-time employees) are led by the Senior Leadership Team, which consists of the Head Teacher, Deputy Head Teacher, three Assistant Head Teachers and the Business Manager.

The Science Department

Accommodation

The Science faculty is housed within the main building and based around three sides of an Ecology quadrangle which contains a pond and a greenhouse. There are seven laboratories, three preparation rooms and a chemical store. The laboratories are dedicated specialist teaching areas equipped with a mixture of data projectors, whiteboards, interactive projectors and fume cupboards.

Staffing

The Head of Science is also the Head of Chemistry and line manages a Head of Biology and a Head of Physics. There are seven full-time teachers and one part-time teacher. Two members of the Senior Leadership Team also teach Science. Two laboratory technicians support the department.

Teaching and the Curriculum

KS3: Physics - Years 7 and 8 are divided into four modules each. In year 7, these are 'Forces 1: Speed and Weight', 'Electromagnetism 1: Electricity', 'Energy 1: Living Costs' and 'Waves 1: Light and Sound'. In year 8, it is 'Forces 2: Force and Pressure', 'Electromagnetism 2: Magnetism', 'Energy 2: Work and Warmth' and 'Waves 2: The Nature of Waves'.

Biology - Years 7 and 8 are divided into four modules each. In year 7, 'Cells', 'Reproduction', 'Variation' and 'Environment'. In year 8, it is 'Respiration', 'Digestion', 'Plants and Photosynthesis' and 'Muscles and Movement'.

Chemistry - Years 7 and 8 are divided into five units each. In year 7, 'Particles and Their Behaviour', 'Elements, Atoms and Compounds', 'Reactions', 'Acids and Alkalis' and 'The Earth'. In year 8, the units are 'The Periodic Table', 'Reactions', 'Separation Techniques', 'Metals and Acids' and 'New Technology'.

KS4: Students follow the AQA GCSE Double Science (Trilogy) or AQA GCSE Triple Sciences. Please see website for further details <http://www.aqa.org.uk/>

KS5: Physics follow the AQA GCE Physics A Level course. A Levels in Biology and Chemistry follow the OCR Specifications A. Subject specialists teach all subjects. In the Sixth Form there are two groups for Physics, seven groups for Biology and five groups for Chemistry.

GCSE and A Level results exceed national levels of attainment and are consistently in line with national levels of progress.

More detailed information about the school can be found on the school website www.dhsg.co.uk



Job Description: Teacher of Chemistry

Job Title	Teacher of Chemistry
Scale	MPS/UPS
Responsible to	Head of Science / Head of Chemistry

A. Support the strategic direction and development of curriculum provision in the school – with the support of and under the direction of the Head of Chemistry and the Head of Science:

- Contribute to a positive ethos in which all students have access to a broad, balanced and relevant curriculum.
- Analyse and interpret relevant school, local and national data relating to the classes taught and advise the Head of Department on the level of resources required to maximise achievement.
- Liaise with staff, parents, carers, external agencies and other schools to provide maximum support and ensure continuity of provision within the classes they teach.
- Consider the views of both students and parents/carers and to respond appropriately.

B. Learning and teaching

- Develop a classroom environment and teaching practice which secures effective learning across the breadth of the curriculum and provides a professional model, clearly demonstrating effective teaching, classroom organisation and high standards of achievement, behaviour and discipline.
- Take an active role in the identification of, and provision for, students with additional educational needs within the classes taught.
- Ensure lessons are differentiated to meet the needs of all students.
- Regular monitoring of the progress of students within the classes taught, which is then reflected in teaching plans.
- Regularly evaluate the effectiveness of your teaching and learning as part of the teacher appraisal process.
- Ensure setting of realistic and challenging expectations of students in the classes taught.
- Liaise effectively with staff, to ensure the successful transition of students through the school.
- Contribute fully to meetings, discussions and management systems necessary to co-ordinate the work of the school as a whole.

C. Relationships with staff

- Achieve constructive working relationships with all staff.
- Direct, organise and manage the work of support staff within the classes taught.
- Provide regular information to senior staff on student progress.

D. Effective deployment of staff and resources

- Maintain and develop class resources, co-ordinate their deployment and monitor their effectiveness in meeting teaching objectives.

E. General

- Promote equal opportunities within the school and to seek to ensure the implementation of the school's equal opportunities policy.
- Take on any additional responsibilities which might, from time to time, be determined.

- To support whole school activities, e.g. Speech day, Carol concert.
- To engage actively in the Teacher Appraisal process.
- To undertake any other duty as specified by STPCD not mentioned in the above.
- Whilst every effort has been made to explain the main duties and responsibilities of the post, each individual task undertaken may not be identified.
- Employees will be expected to comply with any reasonable request from a leader to undertake work of a similar level that is not specified in this job description.
- The school will endeavour to make any necessary reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition.

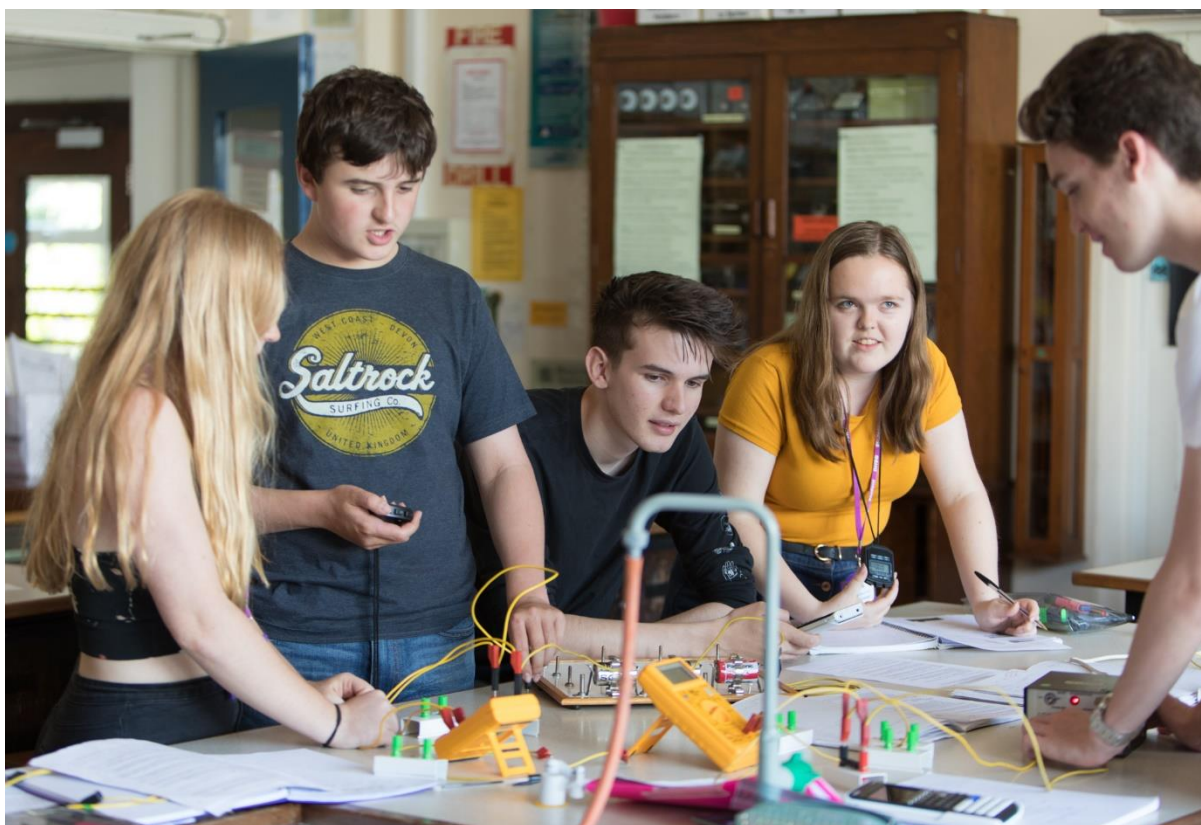
This appointment is subject to the current conditions of employment of teachers contained in the School Teachers' Pay and Conditions Document, the Education Act 1997, the required standards for Qualified Teacher Status, other current educational legislation and the school's articles of government.

This Job Description may be amended, at any time, following discussions between the Head Teacher and member of staff, and will be reviewed annually.

The school is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. The successful applicant will be required to undertake an enhanced check by the Disclosure and Barring Service.

Person Specification: Teacher of Chemistry

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> • Qualified Teacher Status (to teach in the UK) • Good Honours Degree or equivalent • Chemistry A Level 	<ul style="list-style-type: none"> • Degree-level Chemistry or related discipline
Experience	<ul style="list-style-type: none"> • Ability to teach Chemistry to A Level 	<ul style="list-style-type: none"> • Experience of teaching Chemistry to A Level • Ability to teach an additional Science to GCSE would be beneficial
Knowledge, Understanding and Skills	<ul style="list-style-type: none"> • Thorough knowledge and understanding of current educational issues, including national policies, priorities and legislation • An understanding of the role as assessment and student tracking systems in raising standards • ICT competent 	<ul style="list-style-type: none"> • Thorough knowledge of course requirements for all relevant Key Stages
Classroom Management	<ul style="list-style-type: none"> • Evidence of good student management and discipline • Commitment to raising standards • Good organisational and planning skills 	
Personal	<ul style="list-style-type: none"> • An effective team player but able to think and work independently • Ability to motivate students • Commitment to further professional development • Able to work under pressure and meet deadlines • Willingness to try new ideas and assess their effectiveness • High standard of professional self-presentation in dress, appearance, administration and behaviour 	<ul style="list-style-type: none"> • Willingness to contribute to the provision of extra-curricular activities



How to apply

All applications for employment should be made by completing the school's application form, which can then be submitted by post to the school address or by email to recruitment@dhsg.co.uk. The form can be downloaded from the 'Staff Vacancies' section of the website at www.dhsg.co.uk. Please note that CVs are not accepted.

Applications for this vacancy must be received by **12 noon on Monday 27 September 2021**.

If you would like to visit the school or have an informal, confidential discussion about the role, please contact:

Miss R Mortimore
Personnel Assistant
Devonport High School for Girls
Lyndhurst Road
Peverell
Plymouth
Devon
PL2 3DL

T: 01752 705 024

E: recruitment@dhsg.co.uk

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