

The Latymer School

Physics Teacher



Welcome

Thank you for considering applying for the role of Physics Teacher at The Latymer School, North London. We are seeking an exceptional candidate, who is eager to play a central role in reinforcing and developing the school's already strong position.

The Latymer School is a high achieving, selective grammar school with a great tradition of success. We aim to provide a first-class education for all students. In the academic year 2018-19 our GCSE results were outstanding, with 31% of students achieving a level 9, 62% achieving level 8/9, and 85% achieving level 7/8/9. At A Level 25% of grades were A*, 63% were A*/ A, and 87% were A*- B. In the academic year 2019-20 Centre Assessed Grades were used to generate accurate results for our students that did justice to their academic abilities. As in previous years, the majority went on to attend the country's top universities, and a large number were successful in their applications to Oxford or Cambridge.

As a school, we are clearly committed to developing pupils' intellectual abilities and celebrating academic achievement. However, the school prides itself on much more than its exam results. As our mission statement asserts, we aim to provide 'a first class liberal education', develop 'lively enquiring minds', and encourage students to 'achieve their full potential and show consideration for others'. Staff at Latymer foster an academic environment that takes students well beyond the classroom curriculum. We provide a plethora of exciting and worthwhile extra-curricular activities in areas as diverse as music, drama, sport, and chess.

Although we expect applicants to demonstrate excellent subject knowledge, prospective applicants should not be daunted by the prospect of teaching high ability groups. If you would like to find out more about the School we will be happy to arrange a visit prior to applying.

We look forward to welcoming you to our community and receiving your application for the post.

Maureen Cobbett, Headteacher.







The Curriculum

We are a selective grammar school for boys and girls aged 11 to 18. We aim to provide a broad and stimulating education and maintain the highest of standards within the formal curriculum. While an outstanding education is often regarded as a building block towards adulthood and future employment, we also believe that students should enjoy learning, and value the relationships they build throughout their years at Latymer.

Latymer is proud of its outstanding musical tradition, which still inspires a wide range of music making, mainly as an extra-curricular activity, today. Drama, sport and outdoor pursuits are also very strong. Our field centre in North Wales (Ysgol Latymer at Cwm Penmachno), owned by the Foundation, is used as a base for outdoor pursuits and field courses in Year 7 and we take Year 9 to Conwy in North Wales and all

staff have the chance to accompany groups.

Our aim is to enable each pupil to develop his or her talents and interests to the full, while experiencing a broad and balanced curriculum throughout Years 7-11. Courses offered challenge pupils to develop insight and independence of thought through an active and problem-solving approach, which relates learning to the real world and values both sound learning and intellectual rigour. At GCSE students take 10 examination subjects.

In the Sixth Form pupils currently take 4 AS-levels in Year 12. Some pupils will continue with 4 subjects to A-level, but most will carry on with 3. The majority of Sixth Formers progress to study degree courses at universities, or other forms of Higher Education in Music, Drama, Art and other areas. We have a tradition of students attending the top UK universities, including Oxford and Cambridge.

Pastoral Care

Every teacher takes responsibility for a form group, and stays with their form throughout their time at the School. Form tutors build close relationships with the students in their form group, but they will also be supported by Heads and Assistant Heads of Year. We pride ourselves on the quality of care we give to our students, and recognise that being part of an academic grammar school community can often be challenging. In light of this, we ensure that we support those children who find the academic standard demanding, as well as extremely gifted children.

Library and Learning Resources Centre

The School Library is a vital resource for teaching throughout the School. Some 17,000 volumes (which are constantly reviewed, 'weeded', and replenished) are housed in the handsome setting of the Ashworth & War Memorial Libraries. There is also a wide selection of periodicals. We are proud of the number of students from all year groups who use the library before and after school, during the day, and at break and lunchtimes.

Computer facilities include three computer rooms for general use, and another in the Technology area. All staff are provided with a laptop and the school has a wireless network throughout. All classrooms are equipped with interactive whiteboards.



The House System

The House system is embedded in the traditions of the school and is one of its strengths. It provides the structure for much of the extra-curricular activity in the school. House loyalty is fostered by the House identity of the 6 Forms in each year (Ashworth, Dolbe, Keats, Lamb, Latymer, Wyatt). Staff are allocated to Houses and are Form Tutors to pupils in their own House. Much of the House activity is run by Senior Pupils, elected by their House, under the supervision of Senior House Staff. Tutors, and Year Heads, progress with their form from Year 7 to Year 11. Sixth Formers are in smaller pastoral groups with experienced tutors.

Ysgol Latymer Outdoor Pursuits Centre

In 1966 The Foundation purchased a former primary school in the village of Cwm Penmachno, within the Snowdonia National Park. Since that time, the building has been developed into a comfortable and well equipped centre accommodating one standard form group (32) and accompanying staff. Each year every Year 7 pupil has the opportunity to spend a week in Wales, taking part in a variety of outdoor activities. Our Year 9 pupils undertake a similar experience in Conwy, Anglesey. These include hill walking, orienteering, mountain cycling, climbing, abseiling, horse riding, canoeing, kayaking, rafting and swimming. In addition, older students visit the centre for Outdoor Pursuits related to Duke of Edinburgh Award and GCSE PE. Both staff and pupils alike cite visits to the centre amongst their most enjoyable and memorable experiences of Latymer School life.





Leadership and Governance



The Governing Body

Latymer's Governing Body is ultimately responsible for the performance of the School, setting its overall strategic direction and ensuring that the highest standards of education, safeguarding and financial probity are maintained. Our experienced and talented Governors bring to bear their considerable professional experience in business, finance, the law, information technology, and a range of other professions, to provide constructive support and challenge to the Headteacher and the Senior Leadership Team.

Further information about the Governing Body can be found on the school website.

Senior Leadership Team



Maureen Cobbett, BA French and German (Liverpool), NPQH, Headteacher. Maureen began her career as a languages teacher in a challenging state comprehensive school in Yorkshire. Having worked in a number of secondary schools in Northern England, she began her role as Head Teacher at The Latymer School in 2015.



Neil Grassick, BA Geography (Liverpool), NPQH, Deputy Head (Curriculum). Neil has taught in 5 very contrasting schools over nearly 30 years. He has been at The Latymer School since 2015 and is responsible for the curriculum and timetable, as well as leading the Heads of Department.



Pete Hampson, BA Spanish, French and Portuguese (Sheffield), Deputy Head (Teaching and Learning).

Having studied languages, Pete worked in various industries, and countries, before deciding to do a PGCE in 1997. Pete now oversees the Quality Assurance of the delivery of teaching across the school, as well as supporting beginner teachers in their placements and first years of teaching.



Chris Wakefield, BSc Economics (Loughborough), Deputy Head (Sixth Form). Chris has taught at The Latymer School since 1997. He has always been involved with sixth form pastoral care and progression, and in 2007 he became Deputy Headteacher with specific sixth form responsibility.



Simon Pashley BSc Exercise and Sport Science (Exeter), Assistant Headteacher (Care, Guidance and Support). Simon took up his first teaching job at The Latymer School in 2001 and has worked at Latymer ever since. Having worked in a number of roles, he is now responsible for pastoral care and safeguarding.

The Physics Team



Stuart Panton, BSc Physics with Business and Management (University of Manchester), PGCE, Head of Physics. Stu had worked as a Physics teacher in 2 other North London schools since 2010, before taking up the position of Head of Physics at Latymer in 2018.



Mark Crabtree, BSc Physics with Astrophysics (University Of Bristol), Teacher of Physics. Mark previously worked as a Science Teacher at a school in Barnet before joining the Latymer Physics Department in 2019.



Sam Campaigne, MSci Physics with a Year in Europe (Imperial College London), QTS, Teacher of Physics. Sam worked in Medical Physics for the NHS and private industry in Australia and has an MSc in Clinical Sciences, Medical Physics (King's College London). Sam completed his teacher training in 2019 and joined Latymer as a Teacher of Physics that same year.



James Reader, BEng Mechanical Engineering (University of Surrey), PGCE, Head of Lower School Science. James is an old Latymerian who, after teaching in an all-boys school in Islington, returned to Latymer as a teacher in 2019 and is currently the Head of Lower School Science.

A photograph of two students, a girl and a boy, in a school physics laboratory. They are both wearing dark blue V-neck sweaters over white collared shirts and blue ties. The girl, on the left, has long brown hair and is smiling as she looks down at a circuit. The boy, on the right, has short dark hair and is smiling at the camera. They are working with a circuit board that has several green wires connected to it. A red plastic component is also visible. In the foreground, there is a digital multimeter displaying '0.00' and a small colorful object. The background shows a typical classroom setting with yellow walls and a whiteboard.

The Physics Department



Staffing and Accommodation

The Science Department has 15 specialist teachers that all teach to AS and A2 level;

- 5 in Physics,
- 5 Chemists and
- 5 Biologists.

The 4 Technicians, one of whom is the Senior Technician, are also specialists in one subject and work mainly in that Department.

The accommodation comprises 12 laboratories and although four are designated to each of Biology, Chemistry and Physics, Year 7 and Year 8 teaching may take place in any. There are also 4 preparation rooms. All the laboratories and preparation rooms are modern and well equipped. All the laboratories have a computer, data projector and interactive whiteboards. Every laboratory has at least one computer linked to the school network and at least one laboratory on each floor has several computers to allow class experiments with “LogIT” data capture devices. School computer rooms or lap tops can also be booked for lessons.

Management structure

The Science Management team consists of the following members of staff:

Head of Physics

Head of Biology

Head of Chemistry

Head of Lower School Science

Senior Technician

The whole Department meets formally twice per term; with subject specific or key stage meetings occurring at regular intervals.



Teaching

Key Stage 3

When students enter Latymer they are put into one of the six House registration groups, each with about 32 students. In Year 7 and Year 8 these are also the classes for Science, each taught by one Science teacher. At this stage there are ten 40-minute lessons, including some doubles, in a two-week cycle of 76 lessons. The Year 7 and 8 syllabus has been written by the Head of Lower School Science to allow for the inclusion of ICT, for the high ability of our students and for the range of their knowledge of Science on entry to Latymer (they come from a very large number of “feeder” primary schools).

Key Stage 4

The lessons are separated into GCSE Biology, Chemistry and Physics from the beginning of Year 9 with each taught by a subject specialist, and the school follows the AQA board specifications. From year 10 pupils are taught in classes of approximately 24, and each class is taught by a subject specialist. The grouping of the classes is done by GCSE subject choice, not ability.

There are 3 double lessons per two-week cycle in each of the sciences. The teachers and groups usually continue into Year 11. The GCSE results are outstanding, 40% achieved Level 9, 74% Level 8/9 and over 93% of students achieving grades 7-9 in each of the three sciences.



Teaching

AS and A Levels

At AS and A Level the Sciences are popular options.

In Year 12, depending on student numbers, there are either four or five sets of about 18 students in each of Biology, Chemistry and Physics.

The specifications followed will be AQA Biology, Edexcel Chemistry and AQA Physics. In Year 13 most students continue to A Level.

The latest externally assessed results (2019) were outstanding with 28% achieving an A*, 57% A*/A, 82% A*/B and 93% A*/C.

The majority of A Level students proceed to degree courses having achieved the top two grades and there is a tradition of pupils proceeding to Oxbridge and other well established Universities to follow courses in Pure and Applied Science including Medicine and Engineering. Those students intending to follow courses in subjects not taught at school (e.g. Veterinary Science, Forensic Science, Medicine, Engineering) are encouraged to take external courses e.g. "Medsix", "Headstart" and "WISE".

Enrichment

Outside of the normal lessons the department organises a number of enrichment activities and visits, and many of these are led by the Year 13 pupils. There are 2 staff with TLR responsibilities for the enrichment programme with a significant budget available.

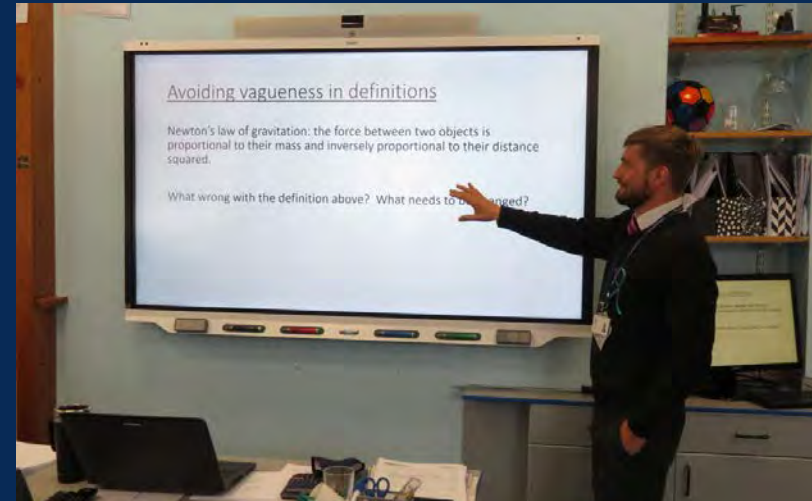
Job Description



This job description outlines the main responsibilities that are common to all teaching staff. Many have additional duties, such as those of Form Tutor, Year Tutor, or Head of Department. Teachers' duties may be changed from time to time. A subject teacher is responsible to their Head of Department (HoD).

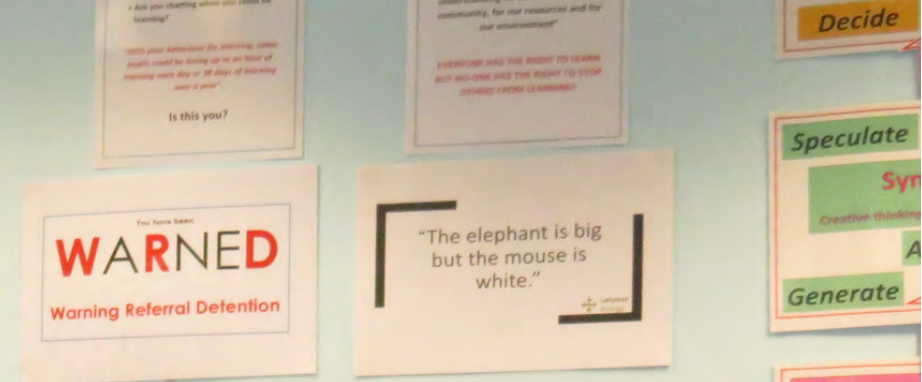
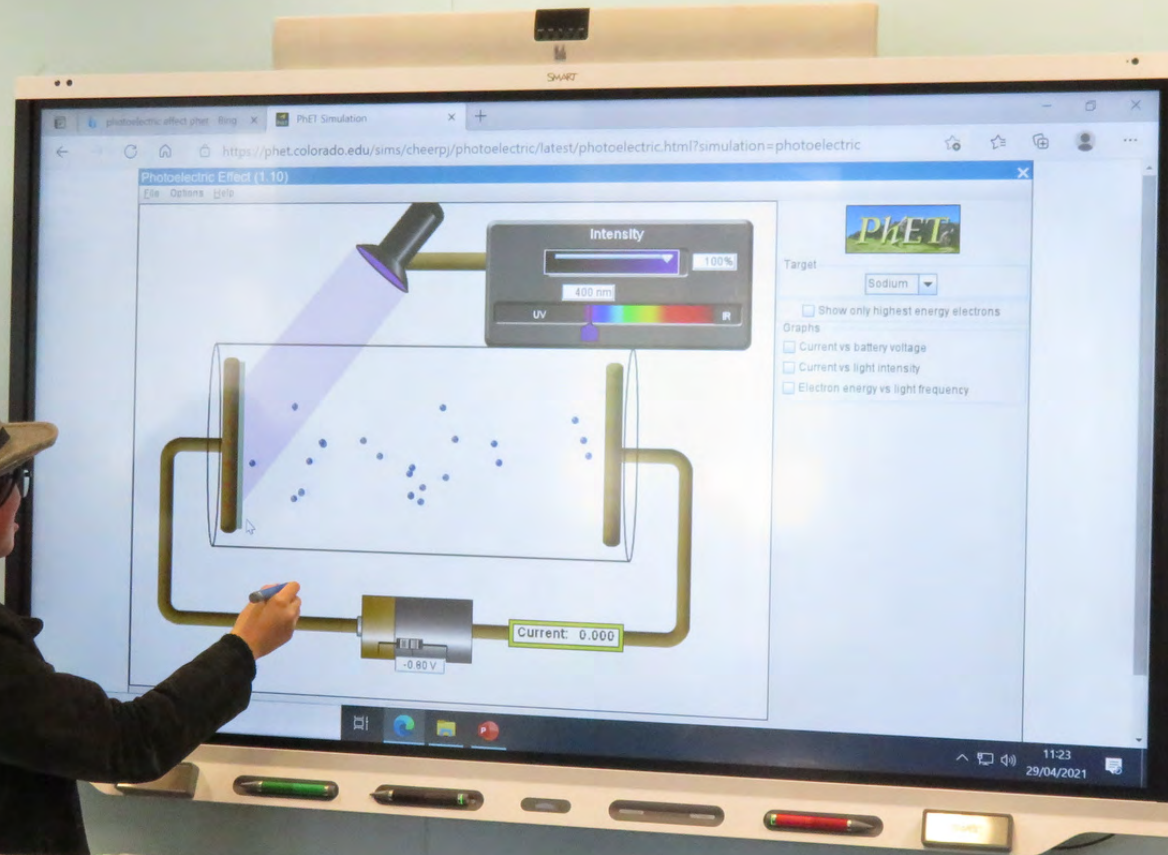
Key tasks and duties:

- Be aware of and play an appropriate part in implementation of all school policies, including the school rules and any regulations relating to safety.
- To contribute to the teaching of the subject.
- To participate with HoD and other colleagues to the development of appropriate specifications, materials and schemes of work.
- To prepare lessons and deliver the curriculum in a manner appropriate to the age and ability of the pupils concerned, following the agreed specification or scheme of work.
- To keep up with developments in the subject area.
- To ensure good order prevails in the classroom so that learning can take place.
- To contribute to the department's system of assessment of pupils, including where applicable the setting, marking and moderation of coursework tasks, tests and examinations.
- To set and mark homework assignments in accordance with the published homework timetable and any agreed departmental procedure.
- To inform HoD of any difficulties in any teaching group, e.g. pupils for whom the Specification is not sufficiently demanding or too demanding.
- To contribute to the school's and departments extra curricular programme either within the department or



- wider school.
- To keep records of books and other resources issued.
- To participate in the school's system of reporting on pupil progress and behaviour at appropriate times.
- To participate in appropriate meetings with colleagues and parents, including house meetings.
- To carry out a share of supervisory duties and cover arrangements in accordance with published rosters.
- To set and keep high standards of punctuality and courtesy and of appropriate dress for self and pupils.
- To attend assemblies and other formal occasions as required.
- To participate in the Performance Management strategy according to agreed procedures.

The Person



We seek a graduate who is able to demonstrate the following qualities and experience:

Criteria	Essential	Desirable	Method of Assessment
Qualifications	<ul style="list-style-type: none"> • DfES recognised Qualified Teacher Status • Honours Degree 	<ul style="list-style-type: none"> • Evidence of continuing professional development. • Awareness of current syllabus development. 	Application form and references.
Commitment to Safeguarding Children	<ul style="list-style-type: none"> • Has up-to-date knowledge of relevant legislation and guidance in relation to working with, and the protection of, children and young people. • Displays commitment to the protection and safeguarding of children and young people • Values and respects the views and needs of children and young people 		Application form, references, and interview.
Experience	<ul style="list-style-type: none"> • Proven record as a teacher whose students reach high standards of learning and achievement. • Able to enthuse, motivate and discipline students. • Experience of teaching across the full age and ability range of an 11-18 school. • Experience in the use of ICT in the classroom with the skill to impart that expertise to others. 	<ul style="list-style-type: none"> • Experience as a Form Tutor. 	Application form, references, and interview.

Criteria	Essential	Desirable	Method of Assessment
Special Aptitudes	<ul style="list-style-type: none"> • Ability to teach to KS3, GCSE , and A Level. • Commitment to improving student learning and raising achievement. • Enthusiasm to inspire in students a desire to learn and participate. 	<ul style="list-style-type: none"> • Interest in innovation in the classroom including interactive whiteboard skills. • Experience and understanding of helping high and low achievers. 	Application form, references, and interview.
Interpersonal Skills	<ul style="list-style-type: none"> • Good ICT, oral and written communication skills. • Ability to work effectively as part of a team. • Ability to work on own initiative. • Ability to take responsibility for planning own workload and commitments. • Ability to work under pressure and keep to deadlines. • Ability to be sensitive to the needs of others. • Ability to be supportive. • Professionalism. • Good record of attendance and punctuality. • Willingness to reflect upon their experiences in a critical and constructive manner. 	<ul style="list-style-type: none"> • Ability and experience teaching high quality lessons remotely via MS Teams or another similar platform. 	Application form, references, and interview.

Application and Appointment Process

How to apply

To find out more about The Latymer School please do take a look at the website at **www.latymer.co.uk**.

If, after reading the information, you are interested in joining us please complete the Teaching Staff Application Form, which you can find on the website. Applicants are also asked to provide a letter of application outlining:

- Your experience to date
- How this has prepared you for the role

Completed forms and letters should be returned to:

Ms M Cobbett, Headteacher,
The Latymer School,
Haselbury Road,
London,
N9 9TN

Or via email at: **recruitment@latymer.co.uk**

Deadline for application: 10am on Monday, 21st June 2021

