Part Time Physics Teacher (0.4 - 0.5)
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Putney High School

One of the UK’s leading schools, Putney High School is spirited, ambitious and relevant. Our forward-thinking approach to education encourages girls to think differently and to stand up and use their voice. Our students leave not only with a top set of results, but with the confidence and the resourcefulness to make their mark in whatever they choose to pursue. Putney is energetic, fun, supportive and above all, down-to-earth. Students achieve academically and develop the real-world skills that will give them the edge in a modern world.

Founded in 1893, Putney has a proud history and a commitment to investment in the future. The school cultivates an openness to new ideas and creates a culture of inspiration, curiosity, energy and creativity. Our Breathe programme is central to our holistic approach to education where mental and physical wellbeing and academic attainment go hand-in-hand. We are leaders in teaching and learning research and at the forefront of digital technology in education. An award-winning careers programme is bolstered by an established Residency programme, and Putney leavers go on to the finest institutions in the UK and abroad, including Oxbridge, Central St Martin’s and the Royal Academy of Music.

As part of the school’s culture of cross-curricular learning and STEAM education, a new Science, Music, Drama and Debating Centre is scheduled to open in 2021. It will be a space for pupils and staff to come together to discuss, to rehearse and to perform, offering acoustically engineered teaching and practice space to enhance what is a truly 21st century education.

A spirited and vibrant school, our ethos is to be:

- Inquisitive, intellectually curious and love learning
- Ambitious, bold and striving for excellence
- Innovative and open minded
- A collaborative and democratic community
- Which acts with integrity, kindness and a sense of moral purpose
- Down to earth

Putney High School is part of the Girls’ Day School Trust, a charitable trust and leading group of independent girls’ schools, with over 4000 staff and 20,000 students in 23 schools. As part of the GDST network, schools benefit from central fees collection, as well as HR, procurement, IT and legal advice. There is also a large central estates department supporting and advising schools on building projects and maintenance. Members of staff at all levels receive training, share best practice and participate in formal and informal networks across the schools. Further information on Putney High School and The Girls’ Day School Trust can be found at: www.putneyhigh.gdst.net and www.gdst.net. The most recent full Educational Quality ISI inspection in 2015 awarded the school the highest possible grading in all categories; the full report can be found here.
The Physics Team

Physics at Putney is about discovery. Physics is taught by a dedicated, collaborative team of four specialist teachers, and we aim to inspire our students daily. With our love of Physics we aim to open their minds, embrace their curiosity and appreciate the wonder, potential and relevance of the world around them. Experimentation is at the heart of our approach; we are supported by an excellent team of specialist technicians and we take full advantage of the excellent laboratories, resources and facilities we have here to give our students every opportunity to investigate, discover and be inspired.

We take every opportunity to extend our students beyond the curriculum. Physics Olympiads and Challenges are a regular occurrence, greatly enjoyed by girls and staff alike, and weekly sessions exploring the fringes of Physics understanding have proven extremely popular; for example, Year 8 students were especially fascinated by a recent insight into the world of subatomic particles. We run regular trips to further inspire our students, including a Year 9 trip to the Science Museum. We have taken students to CERN and NASA and we are currently planning a trip to Florida for 2021, where we will again visit the Kennedy Space Center and also partake in Disney’s famous “YES” lectures at the Epcot Centre.

Putney students go on to follow a range of Physics-related degree courses, and we support them every step of the way. We actively encourage our girls to pursue Arkwright Engineering Scholarships, and frequently have a significant number of girls apply for these prestigious awards. Additionally, all members of the department contribute to the extensive support we offer our University applicants, including those applying to Oxbridge in their preparations for the challenging PAT test and interviews.

Science at Putney extends far beyond the classroom. All students in Year 7 and 8 are invited to our weekly Science Club, often led by our own Sixth Form Science Prefects, and girls throughout the school are encouraged to contribute to the vibrant extra-curricular life of the Science Department. Our thriving weekly Medical Society is particularly popular amongst girls from Year 9 to 13. We encourage our students to enter ambitious national competitions whenever possible, and we are extremely proud of their success rate in these. Science subjects are among the most popular subjects in the sixth form, and our students go on to study the Sciences at the top institutions both domestic and abroad, including Oxbridge and medical schools.
Role

Part Time Physics Teacher (0.4 - 0.5)

Required from September 2020

**Job purpose:**
To contribute to providing an excellent education for all the school’s pupils by teaching with expertise and enthusiasm, offering support to the learning of individual students and contributing to the school’s pastoral system.

**Responsible to:**
The Head through the Head of Department

**Grade:**
In accordance with the GDST national scale, higher than the maintained sector
Accountabilities

Teaching and Learning
Having regard to the curriculum, plan and teach challenging, well-organised lessons and sequences of lessons, informed by secure subject knowledge specifically by:

- Using an appropriate range of teaching strategies and resources, including e-learning, which meet learners’ needs and expectations and are designed to raise levels of attainment.
- Building on the prior knowledge and attainment of earlier learning in order that learners meet their learning objectives and make sustained progress.
- Developing ways to encourage, challenge and inspire pupils to apply new knowledge, understanding and skills and deepen them further.
- Using language appropriate to learners, introducing new ideas and concepts clearly, and using explanations, questions, discussions and plenaries effectively.
- Managing the learning of individuals, groups and whole classes effectively, using teaching techniques appropriate to suit the stage of the lesson and the needs of learners.
- Maintain an up-to-date working knowledge and understanding of a range of teaching, learning and behaviour management strategies, including how to personalise learning to provide opportunities for all learners to achieve their potential, incorporating these in the planning and delivery of lessons.
- Assessing, recording and reporting on the development, progress and attainment of pupils.
- Advising and co-operating with the Head and other teachers on the preparation and development of courses of study, teaching materials, teaching programmes, methods of teaching and assessment and pastoral arrangements.
- With reference to learners’ individual learning objectives, planning, setting, supporting and assessing classwork, homework and other out-of-class assignments and coursework for examinations, where appropriate and reasonable, to sustain learners’ progress and to extend and consolidate their learning.
- Contributing as appropriate to the development of schemes of work and adhering to schemes of work when planning and teaching.
- Knowing and implementing the assessment requirements and arrangements for the subjects/curriculum areas they teach, including those relating to public examinations and qualifications.
- Organising the classroom and learning resources and creating displays to encourage a positive learning environment;
- Participating with the line manager in using GDST and national statistics to monitor the progress of pupils and raise levels of attainment.
- Providing pupils, colleagues, parents and carers with timely, accurate and constructive feedback on pupils’ progress, attainment and areas for development.
- Working collaboratively across the department, school and the GDST network.
- Managing pupils’ behaviour constructively by establishing and maintaining a clear and positive framework for discipline, in line with the
Pastoral

Work with colleagues to create a positive culture of pupil welfare and behaviour, including taking an active role in pastoral matters, by:

a. Supporting and contributing to the school’s responsibility for safeguarding and promoting the welfare and well-being of pupils.
b. Being aware of school safeguarding procedures and taking appropriate action within these procedures when necessary, working with colleagues and external agencies and services.
c. Maintaining good order and discipline among the pupils and safeguarding 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.
d. Acting as Form Teacher.
e. Liaising with appropriate Head of Year, attending pastoral meetings when necessary.
f. Leading and participating in Assemblies.

Marketing and external links, including public occasions

Contribute to the positive promotion and marketing of the school and the GDST in the local and wider community, where possible, by:

a. Actively participating in educational outreach and promoting the key stage, phase or department within the school community to encourage pupils’ interest in the subject area or school.
b. Promoting the whole school in a variety of different contexts, including attending marketing events where appropriate, and in interactions with parents and prospective parents and pupils.

Management and administration

Undertake administrative and organisational tasks related to the duties of teaching and to ensure the smooth running of classes and the department by:

- Contributing to the professional development of other teachers and support staff, including the induction and assessment of new teachers.
- Coordinating or supervising the work of those who provide support for teachers in the department (i.e. technicians or teaching assistants), where required.
- Taking part as required in the review, development and management of activities relating to the curriculum, organisation and pastoral functions of the school.
- Ordering and allocating of equipment and materials where required.

Training and development of self and others

Maintain an up-to-date knowledge and understanding of all aspects of teaching and pedagogy by:

- Reviewing own methods of teaching and programmes of work.
- Evaluating own performance and being committed to improving own practice through appropriate training and professional development.
- With the line manager, engage actively in any process of appraisal or performance review for self and for those supervised.
Job Description cont’d

All Staff are expected to:

- Work towards and support the school vision and the current school objectives outlined in the School Development Plan.
- Support and contribute to the school’s responsibility for safeguarding students.
- Work within the school’s health and safety policy to ensure a safe working environment for staff, students and visitors.
- Work with the GDST’s Diversity policy to promote equality of opportunity for all students and staff, both current and prospective.
- Maintain high professional standards of attendance, punctuality, appearance, conduct and positive, courteous relations with students, parents and colleagues.
- Engage actively in the performance review process.
- Adhere to policies as set out in the GDST Council Regulations, notes, of Guidance and GDST circulars.
- Undertake other reasonable duties related to the job purpose required from time to time.

This job description should be seen as enabling rather than restrictive and will be subject to regular review.
Person Specification

Essentials Skills
- Good Honours degree in Physics or related subject
- Decision making skills: the ability to solve problems and make decisions
- Experience as a subject teacher covering KS3 and KS4
- Excellent subject knowledge
- Teamwork: the ability to work collaboratively with others
- Communication Skills: the ability to make points clearly and understand the views of others
- Self-management skills: the ability to plan time effectively and organise oneself well
- Excellent professional knowledge and understanding
- Understanding of national and examination curricular requirements of the subject
- Up to date with professional developments in the subject and other aspects of education
- Ability to enthuse children and adults
- Enjoy rising to the challenge inherent in a school environment

Desirable Skills
- Qualified teacher status
- Experience teaching the subject at KS5
- Experience of organising or participating in extra-curricular activities
How to apply

Application:
Please apply with an on-line application via the GDST website www.gdst.net. With your on-line application, please attach a letter addressed to Mrs Suzie Longstaff, Headmistress
CVs are not accepted without a fully completed application form.

The closing date is:  Wednesday 11th March 2020 to be received by 12.00noon

Interviews will take place:  Friday 20th March 2020

Required from:  1st September 2020

Candidates who are invited to interview will be required to bring an original identification document (e.g. passport) and, if applicable proof of eligibility to work/reside in the UK as well as documents confirming educational and professional qualifications. A confirmation of your address within the last three months is also required.

Putney High School and the GDST are committed to safeguarding and promoting the welfare of children, and applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service.

Additional information:
Any candidate wishing to seek additional information should contact:
Helen Batchelor, HR Manager
Email: recruitment@put.gdst.net
Tel: 020 8788 4886

The new Science, Music, Drama and Debating Centre is scheduled to open in January 2021
PUTNEY
HIGH SCHOOL

www.putneyhigh.gdst.net