



Glyn
School

Science Technician

**Part time, 15 hours Per week Term
Time Only**

Commencing March/April 2023

Dear Applicant,

Thank you for your interest in our vacancy. Glyn School is a comprehensive school for boys aged 11 to 16, and a successful mixed Sixth Form. Founded in 1927, we have a rich history of academic excellence, sporting prowess, artistic achievement and service to the community. The school carries the responsibility of being graded 'outstanding' by Ofsted in 2009 and in 2012. In 2014 we were designated a Teaching School, one of a select number that represent the most outstanding and innovative practice nationally. We were also awarded SCITT status in 2015. Finally, we have the privilege and responsibility of being a founder member of GLF schools, a Multi Academy Trust (MAT) where the focus on collaboration, leadership and school improvement enables students to 'Grow, Learn and Flourish'.

We are looking to appoint a suitably experienced individual to join our hugely popular and successful Science Department and support the work of the Faculty to embed our youngsters' interest in Science.

At Glyn School we hold high expectations of all our students in every respect. We aspire to provide students with an outstanding learning experience each and every day. Every decision that we make is centred on their learning and achievement as we seek to enable each one to meet and exceed their potential. Our incredibly dedicated and talented staff never give up on a student.

'Glyn School's mission is to inspire a love of learning and achievement that is founded on the virtues of integrity, respect and a desire to succeed. Every person is highly valued and expected to achieve their potential, through academic challenge, sporting endeavour and technological innovation'.

Our Motto is Learn-Achieve-Succeed. We want students to be serious at school but at the same time enjoy their learning and all other aspects of school life. We strive to ensure that their experience is founded on our 8 core values.

Mission Statement & Values

Learning	Achievement	Enjoyment	Respect
	Glyn School's mission is to inspire a love of learning and achievement that is founded on the virtues of integrity, respect and a desire to succeed.		
Challenge	Every person is highly valued and expected to achieve their potential, through academic challenge, sporting endeavour and technological innovation		Integrity
	Opportunity	Community	

We firmly believe that colleagues who feel supported and valued impart their passion and enthusiasm to their students that ultimately sees the young people we teach make exceptional progress. We want you to enjoy working at Glyn School and we warmly welcome you to visit us and experience our vibrant, thriving and supportive atmosphere that makes Glyn the right choice for you.

Jo Garrod

Head of School

Matt Duffield

Executive Headteacher

Information about the Science Faculty

The Sciences at Glyn are delivered by a motivated and hard-working team who share a common vision: We aim to develop our students to become proactive, independent and resilient scientists. As a knowledge engaged curriculum, we believe that knowledge underpins and enables the application of skills. We are committed to providing a stimulating, engaging and intellectually challenging learning environment to enable all our students to develop scientific consciousness, to foster a spirit of scientific enquiry and create a sense of awe and wonder about the world which they inhabit.

The Science faculty is staffed with enthusiastic specialist teachers who are passionate about their subjects. We are continually challenging ourselves to improve our practice and are committed to professional development. Teachers in all departments work closely together and meet regularly to share ideas and discuss planning and student progress. Resources are developed on an ongoing basis to provide a good learning experience for all of our students. We aim to create an enjoyable and productive working environment for both staff and pupils, where, together we strive to actively engage, learn and improve.

Curriculum and Facilities

A broad and rich curriculum is taught in Years 7 and 8, delivered through 7 hours of teaching per fortnight. The course is arranged into specialist subjects, Chemistry Biology and Physics and each class will be shared by two teachers. There is a heavy emphasis on practical work and enjoyment, as well as developing investigative skills. These are the years that we lay the foundations for our students' love and enthusiasm for Science.

Year 9 is our enrichment year, our students receive 11 hours of teaching per fortnight, shared between 3 specialist teachers. In Year 9 we start to lay the foundations of core scientific knowledge while broadening our students' understanding of Science by enriching learning and ensuring our students are prepared with the practical skills and basic concepts they will need to underpin their continued learning journey in Science.

In Year 10 and 11 our students are fully into their GCSE studies. They follow one of two pathways, which are decided based on each individual student's needs and capabilities, either AQA Combined Science Trilogy or AQA Separate Sciences. Students will receive 10 hours of teaching per fortnight, shared between 3 specialist teachers. There is a strong emphasis on building core knowledge through regular retrieval practice to ensure our students become lifelong learners of Science. This allows our students to begin to transfer their understanding of science to the world beyond the specification.

The Science A-levels are a popular choice at Glyn, with students receiving 9 hours per fortnight of specialist teaching shared by two teachers. The faculty prides itself on the relationships developed with students to help them achieve their next steps. Recent university destinations from the department have included Oxbridge colleges, as well as those going on to read Medicine, Veterinary Science, Dentistry, Biomedical Sciences, Chemistry, and Engineering, amongst many others.

The Science faculty has ten dedicated science laboratories in our main Science block, and three further science laboratories situated in the main school building. These are all equipped with teacher computers, whiteboards and visualisers, along with all modern secondary science laboratory equipment. We have a large prep room with a team of subject specialist technicians to support in the delivery of high calibre practical lessons. The faculty is very well resourced, both with equipment for practical work and supporting software. All students and teachers are provided with a Chromebook, students have access to online textbooks, and self-quizzing programmes such as Kerboodle, EZYScience and Educake which regularly form part of the assessment toolkit of the Science Faculty.

We have strong links within the GLF Multi Academy Trust and SCITT team, this provides excellent development opportunities for the entire team.

Extra-curricular activities

The extra-curricular programme at Glyn is extensive. The Science faculty have a well-established KS3 Science club who have weekly practical based sessions. We have recently launched a KS4 Chemistry club that meets weekly to watch exciting demos and to take part in investigations on real life applications of Chemistry. These clubs allow our students the time and provision to take part in the CREST award if they would like to. We run events, trips and competitions through Science Week, including our annual House Science competition. We would welcome any additions to our extra-curricular provision and actively encourage and support our staff wanting to launch new clubs.

We are looking for a motivated and experienced colleague to join and make a positive contribution to our highly experienced and supportive team.

Job Title	Science Technician	Job Reference	GS-ST-2302
Location	Glyn School, Epsom	Travel required	No
<i>Job Description</i>			
<p>Core Purpose: To work with a team of technicians to provide technical support to the Science Department. Under the guidance of the Lead Technician, to coordinate the use of practical resources and facilities and provide assistance and advice in meeting the practical needs of the science curriculum, including liaising with teaching staff and support staff outside the department.</p>			
<i>Key Accountabilities</i>			
Practical			
<ul style="list-style-type: none"> • Preparation of resources and assembling apparatus • To support the Lead Technician in ensuring the availability of suitable materials and equipment, Carrying out risk assessments for technician activities • Assisting in practical classes and carrying out demonstrations • Disposal of waste materials • Carrying out electrical and other safety checks, etc. • Organising, storing and checking the condition of chemicals and equipment • Constructing and modifying apparatus. • Setting up and caring for plant collections. • Preparing standard solutions, purifying chemicals, treating waste • Collecting, checking and returning equipment to stores • General laboratory cleaning of bench surfaces and fixed equipment • General cleaning and repair of equipment • Under the guidance of the Lead Technician, ensuring that both routine and non-routine checking, cleaning, maintenance, calibration, testing and repairing of equipment are carried out to the required standard • To undertake from time to time such work as may be determined by the Head of Science or the Head of School 			
Health and Safety			
<p>To ensure the maintenance of a healthy and safe working environment through:</p> <ul style="list-style-type: none"> • Actively contributing to the assessment, monitoring and review of both health and safety procedures and information resources • Keeping up to date with current procedures and practices through continuing professional development • Providing technical advice and support on health and safety issues to teaching and trainee technical staff • The safe treatment and disposal of used materials including hazardous substances and responding to actual or potential hazards • The healthy and safe storage and accessibility of equipment and materials 			

Job Title: Science Technician		
Person Specification	Essential	Desirable
Qualifications		
GCSE or equivalent Science		✓
Good general education including Maths and English GCSE Grade C or equivalent	✓	
Degree in Science		✓
Professional and Experience		
Ability to set up A Level Science practical equipment		✓
Previous experience as a technician		✓
Computer literate (Microsoft Office 365)	✓	
Knowledge of Google Drive and Google Docs/Sheets		✓
Excellent communication skills	✓	
Personal Attributes		
Self-starter	✓	
Ability to plan and manage workload	✓	
Ability to use initiative	✓	
Able to work as part of a team or alone	✓	
Supportive of colleagues	✓	
Have a positive attitude, energy and commitment	✓	
Flexible	✓	
Have a genuine passion and interest in Science	✓	
The ability to maintain and form appropriate relationships and personal boundaries with children and young people in line with the GLF's Safeguarding and Child Protection and Staff Code of Conduct policies	✓	
Safeguarding		
GLF Schools is committed to safeguarding and promoting the welfare of children, young people and vulnerable adults and expects all staff and volunteers to share this commitment. The successful candidate will have to meet the person specification and required to apply for a DBS disclosure. We particularly welcome applicants from under- represented groups including ethnicity, gender, transgender, age, disability, sexual orientation or religion.		