



SIR WILLIAM BORLASE'S GRAMMAR SCHOOL

Inspire, Empower to Shape the Future

Sir William Borlase's Grammar School is a selective-entry, co-educational grammar school located in the centre of the attractive Thames-side town of Marlow, Buckinghamshire. The school has an excellent academic record, placing well on a variety of national league tables, and is very heavily oversubscribed. Standards of attainment are well above the national average, and above those achieved by comparable selective schools at all age levels. The school also has a justifiably high reputation for the performance of its various school sports teams and for its many other extra-curricular activities.

Our success is built on the commitment, dedication and enthusiasm of our staff. We invest a great deal in professional development, making Borlase an exciting and dynamic place to work. Borlase was proud to be awarded World Class School Status in recognition of its success as a centre of High Performance Learning.

The children of members of staff are given priority in the admissions process in the event of oversubscription. Please see the school's admissions policy for more details.

Physics Technician and Project Coordinator (Engineering/Physics)

30 or 37 hours per week (Term Time Only)

Pay range 2 £19,467 - £21,879 FTE, depending on experience

Required for September 2021

An opportunity has arisen for an experienced Physics Technician and Project Coordinator to join our outstanding Science department to provide high quality technical support to the Physics and Science department. The successful candidate will be able to support the Physics Department up to A Level but will assist with technical support for all three Sciences were necessary. Ideally the post would suit an experienced individual however training will be provided.

Please do contact us with any queries or if you would like to discuss your situation with us first.

**For an application form please visit www.swbgs.com and click on Job Vacancies
or email asummerfield@swbgs.com for more information**

Closing date: 9am Wednesday 21st April 2021

Applications submitted via email should be sent to Mrs Anna Summerfield at asummerfield@swbgs.com

The school is fully committed to the DfE guidance on Safeguarding Children and Safer Recruitment in Education and all candidates for the post will therefore be subject to vetting procedures following Buckinghamshire Council's guidance on Safer Recruitment and Selection in Schools.

Job Description

The role of the Physics Technician and Project Coordinator is vital for supporting the teaching and learning of physics and science. The successful candidate will work proactively alongside a highly motivated team of professionals, to ensure that equipment is procured, maintained and utilised effectively in the classroom.

Responsibilities and duties;

Technical

- To provide equipment and materials to support Physics and Science practical teaching, including assembling apparatus and making up solutions (which may include caustic chemicals).
- To deliver equipment to classrooms; collect, check and return equipment to stores after lessons.
- To prepare teacher demonstrations and assist in Sixth Form practical classes as required.
- To ensure adequate stocks of glassware, goggles, Bunsen burners etc in laboratories.
- To check and charge batteries on a daily basis.
- To check radioactive resources in and out as required.
- To prepare audio-visual equipment and teaching aids for teaching staff.
- To trial practical activities.
- To maintain laboratory equipment, apparatus and resources, carrying out (or arranging for) the repair and replacement as necessary.
- To assist the department with displays; open evenings; production of leaflets, posters, photographs etc.

Learning Project Coordination

- To identify and support extra curricular opportunities for Physics/ Engineering e.g. lectures, visits, competitions and support the planning, administration and supervision.
- To support Physics Crest Award

Stock and Purchasing

- To operate and maintain stock control of equipment, undertake annual stock-take and ensure stock book is kept up to date.
- Working with the Subject Leader source and cost stock, ordering as necessary.
- Working with the Subject Leader to monitor departmental expenditure and keep accurate purchasing records; assist with the departmental budget process.

Cleaning and Maintenance

- To clean equipment and computers as required.
- To assist with the general cleaning of laboratory sinks and benches; tidy and clean Prep. Room shelves etc.
- To ensure laboratories are locked, lights and equipment are switched off at the end of the day.
- Wiping white boards down daily and scheduling a deep clean at the end of each half term.

Health & Safety

- To keep up to date with current Health and Safety regulations by attending courses, reading relevant literature etc.
- To carry out risk assessment for Technician activities.
- To carry out safety checks on equipment before and after use.
- To provide advice on safety issues and ensure staff have copies of risk assessments etc.
- To treat and dispose of spills and breakages safely.
- To store and check expiry of hazardous substances.
- To dispose and disassemble redundant or unsafe equipment.
- To carry out Health and Safety checks in laboratories, prep rooms and stores and keep logbooks.

Administration

- To liaise with staff to avoid equipment and room clashes.
- To book borrowed equipment in and out and ensure prompt return of same.
- To maintain stationery stocks and order as necessary from the general office.
- To maintain adequate stocks of tests and arrange for photocopying of same.
- To photocopy materials as required.

Design and Development

- To construct and modify apparatus as required.
- To improve on existing/design new experiments and equipment needed as required.
- To research and suggest new resources.

Other Duties

- This job description is not exhaustive and the post holder will be expected to perform any reasonable request from the Headteacher

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none">• GCSE Level Science Qualification or equivalent	A level Science qualification or equivalent
Experience	<ul style="list-style-type: none">• Experience of laboratory work• Health and Safety knowledge and understanding	Experience of working in an education environment
Skills	<ul style="list-style-type: none">• Numeracy skills• Good oral and written communication skills• ICT skills	Specific practical skills associated with school laboratory work
Personal competencies and qualities	<ul style="list-style-type: none">• Commitment, enthusiasm and interest in science• The ability to work as part of a team• The ability to form and maintain appropriate relationships and personal boundaries with children and young people• The ability to prioritise time effectively and plan ahead• To have a flexible approach and the willingness to learn• To be able to problem solve• To remain calm when under pressure	The ability and willingness to contribute to the wider school environment