

ROYAL GRAMMAR SCHOOL

Amersham Road, High Wycombe, HP13 6QT
01494 524955

Website: www.rgshw.com



Senior Physics Technician

Applications should be made to the Headmaster's PA, Mrs Denise Chick, by 8.00am Monday 12 September 2022 by email (dmc@rgshw.com) or post. Along with the completed application form, please include a letter of application and a current curriculum vitae, which should include the names, addresses, telephone numbers and email addresses of 2 referees.

Those being called for interview will hear within two weeks of the deadline. If you have not heard from us before this date, please assume that your application was unsuccessful. In which case we thank you for applying and wish you well in your future career.

The RGS is committed to promoting the safety and welfare of all pupils.
Appointment is conditional upon at least two satisfactory references. All staff are required, before taking up post, to undertake an enhanced criminal record check through DBS.



Senior Physics Technician

Salary/remuneration package:

- Range 3 (£23,152 - £25,043) full time equivalent
- Actual Salary £19,901 - £21,190

Working Hours:

- 37 hours per week
- Term time only

The Role:

The Royal Grammar School is looking for a dynamic, enthusiastic and experienced technician to join the Physics Department. Ideally this candidate should have a science-based degree and preferably experience as a science technician.

The Department:

The Royal Grammar School is looking for a highly-skilled and cheerfully co-operative technician to join our team in the physics department. High standards pervade all aspects of the school's life, and the students' interest in and commitment to physics is particularly evident from their enthusiasm and motivation. The students are easily inspired to take their learning further and typically enjoy challenging activities with relish.

The physics department occupies the first floor of the purpose-built science block where four laboratories (three recently refurbished) are used for the delivery of the subject to Years 9 to 13. A highly skilled and cheerfully co-operative technician maintains and prepares equipment for demonstration and class experiment use. On the ground floor there is a junior science laboratory dedicated to physics, along with a computer room. Each laboratory is well resourced with a whiteboard and data projector. Students in years 7 -11 use iPads and A level students use laptops to enhance and personalize learning.

The department hosts weekly engineering and physics symposiums where students discuss and make presentations on a wide range of topics. There is also an enthusiastic Astronomy club which offers the opportunity for some students to take Astronomy GCSE. We also organise several trips a year, including a visit to CERN in Switzerland to discover the Hadron Collider.

The physics department has a reputation for academic excellence. The three sciences are taught as separate subjects from year 7, and all the boys in Year 11 are expected to sit separate Edexcel Science GCSEs. Scores in the national physics challenges set by the British Physics Olympiad are among the best within the maintained sector – in a given year we have had up to 60 students in Years 11-13 winning medals in these competitions.

Typically, 80 students sign on for A level physics in Year 12. A large proportion of the department's Sixth Form go on to study physics and engineering undergraduate courses – it is rare for there to be fewer than five accepted into these subjects at Oxford and Cambridge in any given year.



Job Description Senior Physics Technician

Accountable to: Subject Leader, Physics

The Senior Technician (in consultation with the Subject Leader) will:

- manage on a day-to-day basis the practical needs of the department;
- manage all department equipment;
- manage the booking system for equipment;
- provide appropriate equipment for practicals as ordered;
- set up equipment for practicals and demonstrations as requested;
- assist teachers with practicals as requested;
- monitor the state of equipment and conduct minor repairs (fuse, battery replacements, etc);
- keep rooms in a state appropriate for teaching in conjunction with academic staff;
- maintain a current inventory of equipment;
- keep abreast of current best practice on Health & Safety issues;
- maintain the confidentiality of all examinations and assessed practicals;
- liaise with external agencies;
- take on special projects as needed;
- carry out weekly lab checks, maintain records and report faults;
- advise teachers on Health and Safety issues with any equipment they have requested; and
- liaise and support other Science departments as required in conjunction with other science technicians.

In addition, the Senior Technician in the Physics Department will:

- manage the safe keeping of radio-active materials in consultation with the Radiation Protection Supervisor;
- undertake the PAT Testing in the Physics Department;

To undertake any other task reasonably requested by the Headmaster

This job description is written at a specific time and is subject to change as the demands of the Governors and needs of the School change. The role requires flexibility and adaptability and the employees of the School need to be aware that they may be asked to perform tasks and be given responsibilities not detailed on this job description.



General Information

This is general information for all who apply for a post at RGS. Some of it will not be relevant to this post, but I trust that you will find it useful in forming a picture of the School.

Support staff at RGS

Support staff at RGS provide a vital role in ensuring that the School not only runs smoothly but continues to develop. Whether joining one of the administration teams, being a technician, a support assistant, gap student, and working on the finances or around the extensive school estate, RGS welcomes colleagues from all backgrounds to bring an added dimension to our staff body. A range of roles exists from part time, term time only to full time and support staff have excellent opportunities to contribute towards school life. Although we do not ask our support staff to undertake teaching roles, we warmly encourage participation in school trips and co-curricular activities.

Facilities at RGS

- All-weather sports facilities.
- Rolling programme of classroom and laboratory refurbishment into 'state of the art' learning spaces
- Purpose-built language and music suites.
- The Rennie Mathematics Building with extensive, modern facilities
- Purpose-built Fraser Youens Boarding House for 70 boarders [Boarding video](#)

Salary, benefits and wellbeing at RGS

Support staff are paid on the RGS scales, which are closely related to the locally negotiated Buckinghamshire Council pay range. For the benefit of support staff, the School participates in the Local Government Pension Scheme. We are a mutually supportive team and endeavour to ensure that all staff have a healthy work / life balance.

We offer	Wellbeing
<ul style="list-style-type: none"> • Excellent pension scheme • Cycle to work scheme • Free membership of the School's Fitness Suite • Free use of the swimming pool • Tax efficient purchases of gadgets through the tech scheme • Staff common room with free tea & coffee • On site hot and cold food • Social functions/concerts/plays etc • Car parking onsite • Accommodation (limited) • Long service awards 	<ul style="list-style-type: none"> • Staff football • Staff Yoga • Staff badminton • Staff tennis • Staff touch rugby • Christmas party • Secret Santa • Secret buddy • Wellbeing group meetings • Common Room cake day • Wellbeing week • End of term get-togethers

Common Room at RGS

The Common Room exists as a formally constituted body of the teaching and support staff within the School. The committee consists of a Chairman, Treasurer and Secretary. The Common Room provides a cohesive, stimulating and enjoyable environment and a variety of social functions are organised throughout the year.

The Common Room is well equipped and includes tea and coffee making facilities, provided free of charge to all staff, a lounge, kitchen area and staff shower rooms. The Common Room subscribes to a range of national and local newspapers and journals. On a day-to-day basis, the Common Room acts as an important facility for staff to meet socially, collect mail and circulars, share information with others and relax!

Appointment

The Royal Grammar School is committed to safeguarding and promoting the welfare of its pupils and expects all staff and volunteers to share this commitment. All appointments are subject to:

- the obtaining of an enhanced DBS clearance;
- confirmation of your eligibility to work in the UK; and
- receipt of two satisfactory references.

Equal Opportunities

The Royal Grammar School is committed to equal opportunities for all its students and staff, irrespective of race, colour or nationality, gender, marital status, family circumstances, religion, sexual orientation, age or disability. There will be no discrimination on these grounds, or for any other reasons which cannot be shown to be justified. Students applying for admission to the school and candidates for posts at the school will be treated according to school policies on admission and recruitment and with regard to British and European legislation. Attention will be paid to the importance of equal opportunities education in both the formal and informal curriculum and our curriculum will be reviewed at frequent intervals to ensure that this policy is reflected in practice. The Headmaster is responsible to the Governors for monitoring this policy. The school operates an Equality Cohesion Policy. The School is a non-smoking establishment.

Results

Our results speak for themselves. We do not, however, rest on our laurels and set ourselves ambitious targets.

- 72.4 % of boys accepted Higher Tariff universities.
- 18 were successful for entry to Oxford or Cambridge and 2 to Ivy League USA

Our vision for RGS

- For RGS to become a world-class school in all respects
- To be the boys' school of choice in south Buckinghamshire where young men are nurtured to become the inspirational leaders of tomorrow.

Our commitment to your development

Staff at RGS are dynamic, talented and innovative. We have an excellent reputation in preparing colleagues for the next stages of their career whether as teachers or support staff. We pride ourselves in attracting and retaining staff of the highest quality, supported by outstanding provision of professional development. It is difficult to encapsulate the spirit of RGS in words, but suffice it to say that all who work here regard it as a very special school indeed. Alongside a commitment to excellence is the sense of belonging to an exceptionally friendly community, where there is always genuine support for colleagues. To see the full range of activities undertaken at the school, we would encourage you to visit our website (www.rgshw.com).

High Wycombe

The Royal Grammar School is about one mile from the centre of High Wycombe, which has a large shopping centre, several out-of-town shopping areas, a theatre, two multiplex cinemas, new sports centre with a 50m competition pool and a large Waitrose. High Wycombe is 25 minutes from London Marylebone on a fast train, the station being 10 minutes' walk from the school. The town is well-served by cultural and sporting activities. There is little housing in the town itself though within a short distance the suburbs, with a range of housing stock, commence in all directions. High Wycombe is surrounded by attractive villages, which offer a range of housing from idyllic cottages to large detached properties in the countryside. The town of Marlow, an attractive riverside market town, is a few minutes' drive and Oxford is easily reached via the M40 or by train. Buckinghamshire is renowned for its schools with a range of excellent state primary schools, prep schools, grammar schools and non-selective secondary schools.

How to apply

Along with a completed application form, further information should include a letter of application and a current curriculum vitae. Your application can either be completed online or emailed to the Headmaster's PA (dmc@rgshw.com).

Interviews

Those being called for interview will hear within one week of the deadline when full details of the interview process will be given. All candidates invited for interview will be required to prove their identity and their entitlement to work in the UK.