



RGS
WORCESTER

HEAD OF PHYSICS



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The successful candidate should have a good degree in a relevant discipline and be able to teach up to A Level Physics and beyond. Candidates should be familiar with methods of extension and enrichment for pupils across the secondary age range. Every member of staff is expected to contribute to the School's extensive list of co-curricular activities.

The Science Faculty

Each department in the Faculty is extensively resourced with designated laboratories, a preparation room and an office. IT provision within each laboratory and across the School is excellent. Each member of staff is provided with an Apple Macbook and iPad. As an Apple Distinguished School, and as part of the RGS Digital Learning Programme, our staff are encouraged to challenge their pedagogy with the appropriate use of technology.

The Physics Department is currently comprised of five members of teaching staff, one of whom is part-time, and a technician. We aim to foster a life-long interest in, and understanding of, Science and its central role in our daily lives, scientific research, industry and the environment. The successful candidate should teach Physics safely, with enthusiasm and full academic rigour, so as to stretch intellectually and interest all ability ranges of our pupils.

The principle academic objectives of the department are:

- To encourage pupils to take an interest in their study of Physics
- To encourage and enable all pupils to maximise their results in public and external examinations.
- To teach enthusiastically, engaging with the pupils, and use developing technologies.

Courses offered

Pupils in Year Seven and Eight study a Combined Science course that follows an accelerated KS3 Programme of Study. From Year Nine onwards, subject specialists teach the Separate Sciences. At the end of Year Nine, the choice between the Separate Sciences Programme of Study and the Combined Science (Trilogy) Programme of Study is made. Currently, just over 70 % of the cohort follows the Separate Sciences. On average, there are six sets per year group at GCSE and three sets per subjects per year group at A Level. GCSE and A Level pupils are taught in sets according to their ability. At both GCSE and A Level the Department delivers the relevant AQA specification.

Results

The examination results are excellent, with pupils regularly achieving significantly higher than baseline expectations. At GCSE, pupils achieved greater than 80% A*-A grades in all Science qualifications.

The Faculty is very proud of its track record in extending and enriching pupils. Evidence of this is found from successful Oxbridge applications, Olympiad success and the Engineering Education Scheme, where our pupils have been invited to attend the Big Bang Fair at the NEC in March.

'The Good Schools Guide' says:

'And what a fine group of individuals we met. We were toured by the Head Girl and the Head Boy (both of whom are sitting on Oxbridge offers) who demonstrated the sort of easy affability, wit and willingness to talk that eludes many adults. Equally at lunch, representatives of different years waited to be given permission to start their meal and were the best of company, speaking with a sustained enthusiasm about their school and the multiplicity of opportunity that it offers.'

'For both girls and boys sport is of a high calibre, underpinned by RGSW's 'Charter for Sport' where the expectation is that players are 'resolute, gracious, selfless and willing.'

'To read the pages of the magazines and prospectuses, pamphlets and newsletters, full of gleaming teenagers and glory, is to enter a kind of yellow-brick road signposting the way to journey's end and stashes of gold over the rainbow. But is it all true?

Certainly, the ISI is convinced; branding the school 'excellent in all areas' whilst these standards also characterised our conversations with both students and staff; reflective of an assurance, but not an arrogance, that only genuinely outstanding schools achieve.'

'parents on tour will feel that they are on some kind of National Trust trail. The highlights consist of a number of Georgian and Victorian buildings (RGSW dates back to the 7th century and will celebrate its 150th anniversary on its present site in 2018), such as Britannia House where an initial meeting with the head will be held.'

'In response to our question for some nouns to summarise what the school has given them they answered "guidance", "confidence" and "independence." Their most impressive statement, coming from a Lower Sixth girl, was "school is about who you become.'





Job Description

Line management and Liaison

- Under the overall authority of the Headmaster, the Head of Department's line manager is the Head of Science. He/she must also liaise with the Deputy Heads, Assistant Heads (Academic, Pastoral and Co-Curricular), and other Heads of Department to ensure the best possible implementation of School and departmental policies.

Leadership within the School

- To provide an inspiring academic programme in the subject for all pupils. The Head of Department contributes to the well-being and development of the School by supervising, guiding for pupil academic progress in the subject area.
- As a senior member of staff, the Head of Department exercises responsibility for the line management of teachers in their department.
- The Head of Department also has responsibility to attend various committees and to advise the Headmaster, Deputy Head and Assistant Heads as necessary.

Leadership of the Departmental team

- Supervision and monitoring of the work of all the Department's staff including assessment, evaluation, observation and performance management. This may include a contribution towards the assessment of a teacher's competence and his/her ability to maintain high standards, including regular sampling and checking of work.
- Provision for the supervision of student teachers, NQTs or other staff training as agreed; induction and guidance of other teachers including direct classroom observation. To arrange training as subject mentor where appropriate for this.
- Advising the Headmaster in recruitment of the Department's staff.
- Representing the Department's views to the Headmaster, Deputy Head and Assistant Heads and various committees and presenting an annual Departmental Review including analysis of the Department's public examination results and an Educational Development Plan for discussion with the Headmaster, Deputy Head and Assistant Head (Academic) as a part of a two-way process.
- Holding regular minuted departmental meetings (bi-weekly).

- Supervising any teaching support staff in the Department; looking after their professional development and advising the Bursar on recruitment.
- Ensuring the full implementation of the School's Digital Learning Programme by members of the Department and incorporated into schemes of work. This includes effective monitoring of the use of technology by teachers and pupils.
- Arrangements are to be agreed by each Head of Department and the Deputy Head by the end of the Trinity Term to cover the need for effective communication when public examination results are issued in August.
- As line manager, implementing Performance Management School Policies, supporting and developing individual members of the Department, including updating subject expertise and arranging appropriate training, monitoring practice and reporting concerns.

The Curriculum

- Leading the Department's curriculum planning in accordance with School policy, including the choice of Examination Boards, in conjunction with the Academic Deputy Head and Assistant Head (Academic).
- Managing the teaching methods used by the Department by developing and selecting suitable materials and advising on classroom practice.
- Incorporating the above in a scheme of work to be available on request. Initiate plans for raising standards in accordance with School Policy.
- Co-ordinating the formal prediction of public examination grades for UCAS, which should be consistent and based on statistical evidence available in appropriate format.
- Supervising the quality of written subject reports by members of the Department. Monitoring consistency in the award of grades across the Department.
- Oversee the planning of Departmental trips and exchanges well in advance and in accordance with School policy about educational value and accessibility for all pupils.

Accommodation and Resources

- The Head of Department has overall responsibility for rooms and equipment allocated to that Department
- The Head of Department submits a regular forecast of Departmental resource needs and manages the Department's expenditure and stock control in accordance with the agreed budget.





- The Head of Department is responsible for a high quality of wall display, including work by pupils, in all rooms in the Department.

Safeguarding; Health and Safety

- The Head of Department is responsible for making a contribution to the production and/or implementation of Departmental Health and Safety policies and for supervising the production of Departmental risk assessments. Any initial training for Heads of Department will be provided.
- The Head of Department must ensure that staff in their Department operate within the School's safeguarding requirements and that recruitment is completed entirely in line with the School's Safer Recruitment Procedures.

Information

- The Head of Department devises and maintains such Departmental records as the Headmaster may specify. Wherever possible, administrative help will be provided.
- Communication with parents and colleagues about the work of the Department and about pupils' progress is to be provided by the Head of Department as required.
- Where a department makes use of peripatetic or visiting teachers or instructors, the Head of Department is responsible for providing the Director of Finance and Operations and his staff with the necessary financial and accounting information and ensuring all checks have been carried out.
- This job description is not exhaustive. There may be other tasks which Heads of Departments are asked to perform from time to time which are not listed above and every member of staff should respond to any reasonable request made by the Headmaster or a member of the Senior Leadership Team.

Process of Application - Closing Date: Saturday 24 February 2018

A completed TES application form with the names, addresses, telephone numbers and e-mail addresses of two referees should be provided. All candidates invited for interview will be required to prove their identity and their entitlement to work in the UK, and the person appointed will be subject to an enhanced DBS check, Prohibition Check, Right to Work in the UK and other checks specified by the Department for Education and Independent School's Inspectorate.

Details of the salary will be available after interview and will reflect the importance of this post. RGS is a member of the Teachers' Pension Scheme and benefits include free private health insurance and re-location expenses for persons moving into the area.

The Governors of RGS Worcester 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.

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Registered Charity No. 1020644

Thank you for your interest in this post and we look forward to seeing you at RGS Worcester.



"Our dominant feeling, though, was that RGSW does what it does with a vision and a panache that not many can match. There is a Swedish word – 'Lagom' - which translates as 'just right – a state of perfect balance'. This school is nearly there."

- The Good Schools Guide, 2017



How to find us

By Road:

The most direct route is via the M5. Leave at Junction 6 and join the A449. Travel through the first intersection until you reach a roundabout. Take the second exit into Ombersley Road, A449. Travel for 2 miles on this road which leads into Barbourne Road and then Upper Tything, A38. The entrance to RGS Worcester is on the left after the Little London turning.

By Rail:

The nearest mainline station is Worcester Foregate Street, which has a direct link to London Paddington and regular services to The West and West Midlands.

Exit the station and turn right. Keep to the right hand side pavement and follow the road out of Worcester for 5 minutes. RGS Worcester will be on your right hand side.



RGS Worcester | RGS The Grange | RGS Springfield

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