



Appointment of
TEACHER OF SCIENCE (PHYSICS)
(0.6 to FULL-TIME)

(MPR/UPR)

For September 2021

The Fallibroome Science Department consists of fifteen teachers and three laboratory technicians. It is led by the Director of Teaching and Learning, aided by a Deputy Director (currently with responsibility for Biology) and two Assistant Directors (responsible for Chemistry and Physics). The team is well-balanced in all regards: science specialisms; full- and part-time staff; experienced and more recently trained teachers. The team has great camaraderie and everyone works well together to pursue our shared aim of offering our students the very best education.

The department is housed in ten dedicated Science laboratories split between two buildings and served by two preparation rooms. Each laboratory is fully equipped, including digital projector/speakers. In addition, teaching staff are issued with their own laptop, for use in and out of lessons and data loggers are available for student practical work and teacher demonstrations.



The Sciences are a very popular subject at Fallibroome and we strive to provide a curriculum offer that offers something for everyone. In Key Stage 3, eight mixed ability classes enjoy three hours a week of Science. In Years 7 and 8 each class is taught by a single teacher, but in Year 9 we then change to 10-week rotations with dedicated Biology, Chemistry and Physics specialists. We follow a fully-resourced in-house



scheme, underpinned by a commitment to practical work and complimented by an innovative approach to student-selected “menu”-based homeworks. We use knowledge organisers and regular knowledge-based activities to develop recall of foundational subject content.



In Years 10 and 11, all students choose to follow either *AQA GCSE Combined Science* or all three of the sciences separately, *AQA GCSE Biology*, *AQA GCSE Chemistry* and *AQA GCSE Physics*. The cohort of 240 students splits reasonably evenly between the two courses. The most recent exam cohort (in 2019) achieved 84% 4+ across all entries, and 36% 7+.

In Years 12 and 13, our science courses are very popular, with consistently half of the 340 or so students in our Sixth Form following at least one science-based A-level. In Biology, we offer *AQA A-level Biology*, which attracts three full classes. In Chemistry and Physics we offer *AQA A-level Chemistry* and *OCR A-level Physics A* courses and attract two classes each year. The most recent exam cohort (in 2019) in Physics achieved 64% A* to B and 100% A* to E.

We have a strong extra-curricular offer also. Lower down the school, there is a Key Stage 3 Science Club, whereas higher up the school there are regular off-site competitions and visits, including a long-standing relationship with the *London International Youth Science Forum* and *TEDx*. Each year, our A-level biologists attend field trips and our physicists travel to Geneva to see *CERN* for themselves.

Those who work or study at Fallibroome will describe how it is a rich, stimulating and rewarding environment that offers much that is perhaps rare in other schools. The Science Department itself is no different, and we are particularly proud of the high professionalism and ability of the team of staff. We are always excited when appointing new colleagues, as we see it as an opportunity to add extra skills, enthusiasm and perspective to an already varied, dynamic and successful group of educators. If this sounds like the kind of school and department in which you would like to work, then we eagerly await hearing from you.



If the above brief overview of the department has left you with any important questions unanswered, please do not hesitate to get in contact with *Stuart Billington*, the Director of Teaching and Learning, by emailing bil@fallibroome.org.uk.

Education is not the filling of a pail, but the lighting of a fire

THE POST: TEACHER OF SCIENCE (PHYSICS)

JOB SPECIFICATION

SALARY: MPR/UPR

RESPONSIBLE TO: The Director of Teaching & Learning: Science

RESPONSIBILITIES: Your responsibilities are those laid down in the current Schoolteachers' Pay and Conditions document and include the following key elements:

TEACHING

1. To plan, prepare and teach courses and lessons in line with school and departmental policy.
2. To teach, according to their educational needs, the pupils assigned to you, including the setting and marking of work to be carried out by them in school and elsewhere.
3. To assess, record and report on pupils' development, progress and attainment.

OTHER ACTIVITIES

4. To promote the general progress and well-being of pupils and provide guidance and advice.
5. To make records of and reports on the personal and social needs of pupils.
6. To communicate and consult with parents of pupils.
7. To communicate and co-operate with outside bodies.
8. To participate in meetings arranged for any of the purposes described above

ASSESSMENTS AND REPORTS

9. To provide or contribute to oral and written assessments, reports and references relating to individual pupils and groups of pupils.

APPRAISAL

10. To participate in the school's Performance Management Programme.

REVIEW, INDUCTION, FURTHER TRAINING AND DEVELOPMENT

11. To review from time to time your methods of teaching and programmes of work.
12. To participate in arrangements for further training and professional development, including training intended to meet needs identified in appraisal objectives or in appraisal statements.
13. In the case of a newly qualified teacher, to participate in arrangements for your induction period.
14. To engage constructively with professional development.
15. To evaluate your performance and be prepared to adapt and improve your practice in the light of feedback and professional development.

EDUCATIONAL METHODS

16. To advise and co-operate with the Headteacher and other colleagues on the preparation and development of courses of study, teaching materials, teaching programmes, methods of teaching and assessment and pastoral arrangements.

DISCIPLINE, HEALTH AND SAFETY

17. To maintain good order and discipline and safeguard health and safety, both on the school premises and when engaged in authorised school activities elsewhere.

STAFF MEETINGS

18. To participate in meetings at the school which relate to the curriculum for the school or the administration or organisation of the school, including pastoral arrangements.

COVER

19. To provide cover for absent teachers, subject to the provisions of the Workforce Agreement, and so far as is practicable to teach any pupils whose teacher is not available to teach them.

EXTERNAL EXAMINATIONS

20. To participate in arrangements for preparing pupils for external examinations, assessing pupils for the purposes of such examinations and recording and reporting such assessments; and participating in arrangements for pupils' presentation for, and conducting, such examinations.

MANAGEMENT

21. To contribute to the selection for appointment and professional development of other teachers and support staff, including the induction and assessment of new teachers and teachers serving induction periods.
22. To assist the Headteacher in carrying out threshold assessments of other teachers for whom you have management responsibility.
23. To co-ordinate or manage the work of other staff.
24. To participate in development planning and take part as required in the review, development and management of activities relating to the curriculum, organisation and pastoral functions of the school.

ADMINISTRATION

25. To participate in administrative and organisational tasks related to such duties as are described above, including the direction or supervision of support staff.
26. To attend assemblies, registering the attendance of pupils and supervising pupils, whether these duties are to be performed during or after school sessions.
27. To undertake such other duties as may be reasonably required of you from time to time by the Headteacher, or the Vice Principal, up to a level commensurate with the principal responsibilities of your job.

The School Teachers' Pay and Conditions Document from which these key responsibilities are taken is available for inspection at the school.

THE POST: TEACHER OF SCIENCE (PHYSICS)

PERSON SPECIFICATION

As a well-qualified specialist, you must be an effective and innovative teacher, capable of inspiring students of all abilities, and able to teach Science throughout the school.

The position would suit an NQT or an experienced colleague.

The successful candidate will be required to demonstrate most or all of the following characteristics:

Achievements

1. An honours degree in Science or a Science-related course.
2. Qualified Teacher Status.

Experience/Knowledge (desirable, not essential)

3. Effective teaching experience across the age and ability range.
4. The capability to teach Science throughout the school is essential.
5. An understanding of the National Curriculum requirements for the teaching of Science.
6. An awareness of the way in which Science can influence the whole school curriculum.
7. Strong ICT skills and experience in using ICT as a learning tool for creative development.
8. An awareness and knowledge of the issues surrounding the safeguarding of children.

Personal Qualities

9. An enthusiasm for teaching and an interest in learning strategies.
10. An interest in the development of young people and their needs.
11. Sound communication and organisational skills.
12. The ability to form good relationships with staff and students.
13. Drive, energy and “teacher warmth”.
14. A commitment to the importance of the work of the form tutor.

15. A commitment to high standards in personal work.
16. A commitment to continued professional development.
17. A willingness to support and promote the ethos and standards of the school.
18. The ability to work under pressure and to meet deadlines.
19. A good record of good health and attendance.
20. Smart personal appearance.
21. A sense of humour!

In addition to the candidate's ability to perform the duties of the post, the interview will also explore issues relating to safeguarding and promoting the welfare of children, including:

- Motivation to work with children and young people
- Ability to form and maintain appropriate relationships and personal boundaries with children and young people
- Emotional resilience in working with challenging behaviours, and
- Attitudes to use of authority and maintaining discipline.

THE POST: TEACHER OF SCIENCE (PHYSICS)

PROCEDURE FOR APPLICATION

If you wish to be considered for this vacancy you should complete our application form (12 pt) and include the following information:

- Describe how your experience and particular achievements make you a strong candidate for this position.
- Explain how you have made a positive and measurable difference in previous positions.

Please note that only applications on the school's application form will be considered. Candidates who submit a CV will also not be short-listed. Additional sheets may be attached to the back of the application form if there is insufficient space.

Completed applications should be returned to jobs@fallibroome.org.uk.

If you have not heard from us by the end of September, regretfully you must assume that your application has been unsuccessful on this occasion, in which case the Governors would like to thank you for your time and your interest in the school.

Please note that we do not normally arrange informal visits for prospective candidates before short-listing has taken place, but if you wish to have an informal discussion about the post in advance of your application, or if you require any further details, please contact Francis Power, Headteacher.

Tel: 01625 827898

E-mail: jobs@fallibroome.org.uk

We welcome applications regardless of age, gender, ethnicity or religion. We are also committed to safeguarding and promoting the welfare of children and young people and appointments are made subject to enhanced DBS disclosure.

A Place for Excellence