



Details of the post of

HEAD OF PHYSICS

at The King's School, Worcester



The Physics Department at King's

The Physics Department is a large and very successful Department in the School comprising four full-time and one part-time members of staff. The Department benefits from the support of two-part time and highly experienced technicians.

The Department occupies the top floor of the Winslow building and the accommodation consists of four well-resourced teaching laboratories, a well-equipped prep room and a departmental library.

The teaching staff are passionate about teaching Physics and work in a supportive, collaborative manner to ensure that pupils of all abilities achieve their potential in the subject.

Curriculum

Year 7 and 8 pupils have two 35 minute periods of Physics per week and study the foundational concepts in Physics. In Years 9, 10 and 11 pupils have three 35 minute lessons per week and they begin studying the IGCSE course (Edexcel specification) in Year 9.

In years 12 and 13 students studying A level (AQA specification) have eight 35 minute lessons per week. All A level teaching is arranged so that classes are shared by two teachers.

Academic Success

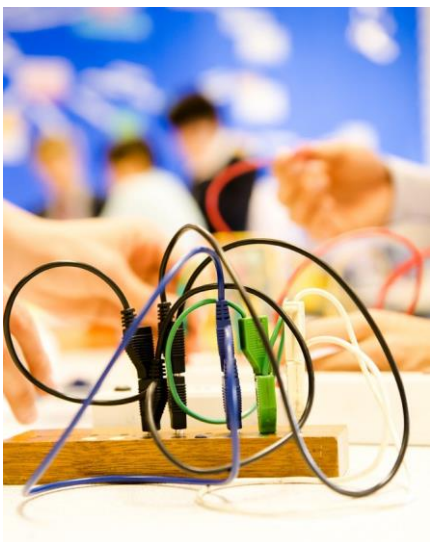
The Department helps pupils to achieve excellent exam results. In 2018 at IGCSE 70% of pupils were awarded A* or A grades; at A level 76% of A levels were awarded at A*-B grades.

There is also a strong track record of students leaving King's to go on to study Physics or Engineering courses at university. This includes Oxbridge with typically one or two successful applications each year.

Beyond the Curriculum

The Department works to pass on their enthusiasm for Physics in a range of co-curricular activities. These include:

- The Physics Big Quiz held at the University of Birmingham
- Malvern Physics Olympics
- Trips to attend Physics lectures held at University of Birmingham
- A Raspberry Pi club
- Engineering Education Scheme





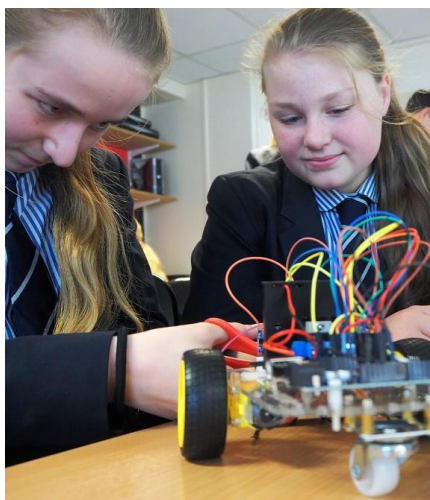
Head of Physics

The successful candidate will be an inspirational and experienced physicist who will have a strong interest in developing the teaching and learning of Physics throughout the school. They will have an outstanding academic profile and a proven record of helping people of all abilities achieve at a high level in Physics. He or she will be keen to lead by example but enjoy working as part of a team, bringing out the best in each member of the department. This is an excellent opportunity for a person with vision and dedication to develop further the Physics on offer at King's.

The main responsibilities of the Head of Physics are as follows:

Leadership

- To lead the outstanding teaching of Physics in the School and to encourage an academically rigorous approach to the study of the subject;
- To consult, produce and implement the annual Department Development Plan in line with the School Development Plan;
- To keep and annually review the Department Handbook which sets out the core aims and policies of the Department and to work to ensure these policies are implemented consistently; and
- To conduct regular Department Meetings and encourage the sharing of ideas and resources amongst members of the Department.



Curriculum, Teaching and Learning

- To select appropriate examination syllabuses and lead the development of schemes of work which aim to inspire intellectual curiosity and academic rigour;
- To keep up-to-date with curriculum developments in Physics and to communicate these to the Department and Senior Leaders;
- To be aware of developments and strategies for effective teaching and learning and to promote these in the Department;
- To encourage the appropriate use of digital technology to support learning in Physics;
- To monitor pupil progress across the Department and coordinate appropriate follow-up action to address issues as required;
- To coordinate setting of pupils for IGCSE and communication of this to parents and pupils (in rotation with the Head of Chemistry and the Head of Biology);
- To take responsibility for public examination administration including liaison with exam boards and assisting pupils with enquiries about results;
- To ensure that expert advice about curriculum and higher education choices in Physics is available to pupils and parents; and
- To oversee the preparation of candidates applying for Physics, Engineering and related courses at competitive universities including Oxford and Cambridge.



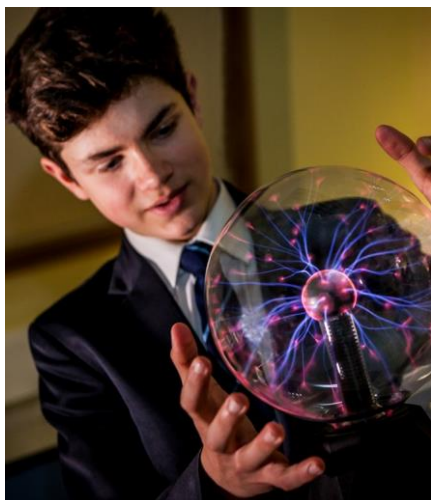


Staff Management

- To conduct regular appraisals of staff and promote their continuous professional development;
- To play a major role in recruitment: interviewing, appointing and inducting new staff into the department; and
- To assist in the production of the departmental timetable, in consultation with the Assistant to the Deputy Head (Academic), delegating teaching and other responsibilities fairly.

Other Departmental Responsibilities

- To manage the departmental budget and plan effectively to ensure that the Department is appropriately resourced;
- To attend and contribute to Heads of Department meetings and other meetings, as required;
- To update the Physics section of the School website and maintain and develop the Physics section of Firefly;
- Ensure the Department complies with Health and Safety Regulations and maintain excellent files and records;
- To develop and maintain positive links with other institutions (universities, schools);
- To plan an appropriate programme of trips and visits;
- To oversee and develop the Department's co-curricular provision and clinics;
- To coordinate decoration of departmental space and noticeboards;
- To coordinate the award of school prizes in Physics;
- To plan activities and strategies for successful open morning and other recruitment events;
- To liaise with science teaching staff at King's St Alban's and King's Hawford; and
- To carry out any other duties reasonably required by the Headmaster.



The King's School maintains a full programme of co-curricular activities and opportunities to which all members of teaching staff are expected to make a significant contribution. Candidates who are shortlisted should be prepared to discuss their co-curricular role at interview.

It is expected that all full-time members of staff take on pastoral responsibilities.

Benefits of Working at King's

You will be joining a highly successful, well-resourced School with a warm atmosphere and positive outlook.

The School will support your career development through a broad range of professional learning opportunities and we are fortunate to be able to take advantage of a generous INSET budget.

There is 50% fee remission for children of employees who attend schools in the King's foundation (pro-rata for part time staff).

Employees have access to the School's sports facilities including the gym and swimming pool at agreed times.

Lunch is provided for employees during the School day.



Application procedure

All applications will be acknowledged. The closing date for this post is **Thursday, 14th February 2019**. All applicants will be notified after the closing date whether or not they have been invited to an interview. Successful applicants will be advised of the date and time of the interview. References will normally be taken up prior to interview and candidates should be aware that referees will be asked to comment on a candidate's disciplinary record and whether or not the candidate has been subject to any child protection concerns. Qualification certificates (originals not copies) will be required at interview, as will proof of identity.

Candidates unsuccessful at interview will receive written notification.

The School is required to ensure that the successful candidate is checked by the Disclosure and Barring Service. Details of the school's policies on safeguarding and promoting the welfare of children as well as equal opportunities are available on request. References will be obtained and verified prior to the appointment being confirmed.

How to apply

Please complete an application form (Teaching Staff) available on the vacancies page of the School website www.ksw.org.uk/vacancies, and return it with a covering letter detailing your relevant experience, how you would intend to meet the challenges of the role and the particular qualities and strengths which you would hope to bring to the post to: The Headmaster, The King's School, 5 College Green, Worcester, WR1 2LL or email headmaster@ksw.org.uk.

There is no requirement to include a CV, although you are free to do so in addition to your application form, if you think it would be helpful in assessing your achievements and experience.

Closing date for applications: **Thursday 14th February 2019**

Interview date: **w/c 25th February 2019**

Start date: **September 2019**





www.ksw.org.uk

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 King's Worcester

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