



King's
WORCESTER



Details of the post of

TEACHER OF CHEMISTRY

at The King's School, Worcester

The King's School, Worcester: the character of the school and some recent achievements



The senior school

King's is an academically selective co-educational school, with two junior schools as part of its Foundation. There are 910 pupils in the senior school, which is situated next to Worcester Cathedral and the River Severn on a peaceful and attractive site in the centre of Worcester. At 11+ we take in six forms of between 20 and 22. Up to 12 pupils join the school at 13+ and around 30 at 16+. For some years, more have joined at 16+ than have left after GCSE.

Our two junior schools

King's St Alban's is adjacent to the main site and has 200+ boys and girls from 4 to 11. It shares many of the facilities of the senior school.

King's Hawford is just north of Worcester in spacious grounds and currently has about 320 children from Kindergarten up to Year 6. The school was acquired by King's in 1996, at which time it was a free-standing preparatory school. King's Hawford has two forms from Years 3 to 6 as well as thriving infant and junior sections. There have been major improvements to the site in recent years. Most recently, in 2016 a new multi-purpose sports Hall, the Bartholomew Barn was opened. The restoration of the Droitwich Canal, which runs by the school, has opened up some excellent new opportunities for water-based activities at King's Hawford.

The great majority of Year 6 children from both junior schools (80 to 90 each year) proceed to the senior school by means of an 11+ entrance exam. They are joined in Year 7 by between 40 and 50 children from local primary schools or other independent junior or prep schools. Each of the junior schools has its own Head, who is responsible to the Headmaster of the senior school.



Some history, ancient and modern

The oldest building at King's is College Hall, once the twelfth century monks' refectory, subsequently the School Room and now the Assembly Hall. It stands for an enduring relationship with the Cathedral and the Dean and Chapter, from whom we rent it and other buildings around the Green. It recalls the re-founding of the school by Henry VIII in 1541 when the monastery was closed and there began the grammar school tradition that has been an important part of the school's character, particularly in the last hundred years or so, when the fortunes and size of the school have steadily increased. Two important decisions in the 1990s have had an important part in shaping the school into its present form. In 1991, girls were admitted to King's St Alban's and at 11+ in the senior school (following 20 years of admission of girls to the Sixth Form). Girls now make up just under 50% of the numbers in all three schools. In 1999, boarding came to an end. This opened up considerable opportunities to develop some of the school's finest buildings and offer proper departmental areas to all subjects.



Development of the school site

A development programme costing in the region of £30 million over the last 15 years has produced a new administrative centre, a centre for English and Classics with a large ICT room, a new base for Mathematics, with three PE rooms in the basement, a new Music School, a new Library and careers centre, a new Art School, an expanded and refurbished Design and Technology department, the refitting of all 13 science laboratories, a modern languages computer centre, a new reception area and major improvements to our 300 seat John Moore Theatre. We have greatly improved our playground provision for all ages. A substantial gift from a former pupil covered the entire cost of an eye-catching new Boathouse on site with accompanying social and changing facilities. The purchase of a second (larger) pub on the perimeter of the senior school site has enabled us to build a Sports and Performing Arts Centre with a new sports hall and gym, dance and drama studios, an indoor climbing wall, additional classrooms and a Sixth Form Centre. This was officially opened in June 2015. Other facilities on the main site include a sports hall and indoor swimming pool. The school has extensive playing fields across the river within walking distance, and an all-weather pitch shared with a local state school.



Academic provision and success

The school has had considerable (and growing) academic success in recent years. In summer 2016, 70% of grades at A level were A*, A or B (with 47% at A* or A grade). At GCSE, 69% of grades were A* or A. These results mean that we maintain our record for some years as being the top school in Worcester at A Level and in the county as a whole at GCSE. 24 different subjects are offered at A level.

In Year 7, French, German and Spanish taster courses lead to a free choice of language in the second term. We run language exchanges and work experience programmes in France, Spain and Germany and have developed special links with the Cathedral School in Magdeburg. The school is currently involved in a two-year EU-funded project which links our students with students in three other EU countries for a programme of conferences and activities. All pupils take up a second language in Year 8 which many take on to GCSE as part of an option system that includes 10 subjects. Pupils choose three of these options in addition to the core curriculum.

Most pupils take three separate sciences at GCSE. We currently enter all pupils for IGCSE courses in Maths, English and modern languages and the majority for IGCSE in the sciences.

Critical Thinking AS level and the Extended Project Qualification are taken by many of our Sixth Form students. All Lower Sixth students take part in our own 'King's Certificate for Skills and All-Round Achievement' which we have devised jointly with the University of Worcester and the local Chamber of Commerce.

The pastoral system

The pastoral system in the senior school is a particular strength, based on forms (with a Pastoral Head) in Years 7 and 8 and a house system from Years 9 to 13. There are nine parallel houses with about 75 pupils and six staff in each. Each year group within a house has its own tutor but strong emphasis is also placed on the vertical grouping and the mixing of ages within a house. There is a well established programme of inter-form and inter-house competitions. The high quality of our pastoral care was noted in the last inspection as was the strong moral code amongst the pupils.

Sport, outdoor activities and trips

King's has a proud tradition of breadth in extra-curricular activities. Sport is very strong among both boys and girls. Our Rugby 1st XV is regularly among the best in the region and, as in all sports, we have experienced coaches for all ages. Our rowers, boys and girls, have, over recent years, won many medals in local, regional and national events, and a number have been chosen to row for their country. Pupils from King's have been selected to represent their country in recent times in Rowing, Cricket, Hockey, Netball, Kayaking and Polocrosse. One former King's pupil played senior international Rugby for England and another won an Olympic Rowing gold medal in Beijing and a silver medal in the London Olympics. Our senior Netball team reached the National Finals in 2010, 2012 (2nd in the country) and 2013. Hockey teams have reached the Regional Finals at U12,U13,U14,U16 and U18 consistently over the past 4 years. Other sports include Athletics, Tennis, Rounders, Basketball, Swimming, Sailing, Kayaking, Sub Aqua, Judo, Cross-Country Running, Climbing and Fencing. We have our own Astroturf pitch on the site of a partner school in Worcester.

Outdoor activities are very popular and often based at our Outdoor Activities Centre in the Black Mountains which all pupils visit in Years 5, 6 and 9. Duke of Edinburgh Award and Army and RAF contingents of the CCF are voluntary but well subscribed. Our CCF regularly wins national awards; both boys and girls are currently national champions. A 'Himalayan Club' sends a party of between 20 and 30 Lower Sixth students trekking and carrying out community work in different parts of the world each year. Many of our pupils have been on joint trips in recent years to Morocco or Iceland with members of a local school for blind or visually impaired pupils. There is a large indoor climbing wall in the school. There is a very large number of trips open to pupils across the whole age range each year.

An Art trip to China, Classics trip to Italy, Music tour to Spain, History trip to France, Rugby tour to South Africa, Netball and Hockey tour to Barbados, Cricket tour to the Caribbean and Religious Studies trip to the Holy Land are just a few recent highlights. We also make sure that there are many value-for-money trips within this country each year across a wide range of subjects and activities.

The creative and performing arts

The creative and performing arts are exceptionally strong. Large numbers of pupils study Art at GCSE and A level and achieve outstanding results. Music is an historic strength, particularly in the areas of orchestra and choir. We have a distinguished record of producing music scholars at Oxford and Cambridge and players for the National Youth Orchestra. The Cathedral (boy) choristers are all pupils at King's and





half of the girl choristers are educated here. There are several drama productions each year ('Les Miserables', 'Romeo and Juliet', 'The Sound of Music', 'High School Musical', 'The Silver Sword', 'Animal Farm', 'The Happiest Days of your Life' being recent triumphs with 'A Streetcar named Desire' and more than 80 pupils choose to have speech and drama lessons. Dance is popular with girls at all ages. Large numbers of pupils achieve bronze and silver levels of the national Arts Award programme. These, and many other themed arts events, are some of the many opportunities each year to bring experts and professionals (in these areas and many others) into the school.



Other extra-curricular strengths

These include Young Enterprise, taken up by over 50 pupils in the Lower Sixth each year (we have had the 'Best Company' in the region on many occasions), Debating, Public Speaking and General Knowledge. Our 'Maths Challenge' team has reached the national finals in five of the last seven years. We enter three 'Model United Nations' competitions each year. There are many clubs and other activities. Community service is a strong feature of life at King's. A number of our pupils volunteer to read with local primary school children or to assist as 'study buddies' at the local school for blind and visually impaired children. We have a close and interesting partnership with a local maintained secondary school which includes joint activities in a range of curricular and extra-curricular areas. We put on a large number of events each year for children in local primary schools.

Charitable work

There is a Sixth Form Charity committee which oversees and plans a good variety of fundraising (and awareness-raising) events each year. A recent Charity Walk by the whole school raised £15,000. Two interesting annual events are a summer garden party for all the children and staff at a local special school and a Christmas show and entertainment for residents of sheltered housing in Worcester. A number of houses and forms have chosen their own particular charities to support throughout the year. Two local hospices and a trust for bereaved families have been a particular focus of our attention.



Alumni and Development

King's has had a Foundation Development Office (FDO) for 16 years. It works with our Development Trust in engaging the community to support the strategic vision for the development of the school. Key focus areas for the Trust are social mobility through the provision of means-tested bursaries; investment in high quality new buildings and the renovation of the existing historic buildings. Over £6.5 million has been raised in that time. An 'Enduring Bursary Fund' of £1.8 million has been established and the Trust currently supports 13 full fee bursaries a year.

It has also provided full funding for the development of the Michael Baker Boathouse and a significant contribution towards the cost of the Keyes Building, the school's Sports and Performing Arts Centre. The FDO is also responsible for building and developing a network of former pupils ('Old Vigornians') and friends of the school through regular communications, helping them to keep in touch with each other and with the school. A large number of different social events are held each year for this purpose. The FDO also encourages many OVs to return to King's to offer their advice and expertise to current pupils at various events, including assemblies, pupil talks, conferences and other school occasions organised in conjunction with the Careers Department.

Our Christian tradition

The school maintains its Christian tradition through assemblies (many of which are in the Cathedral), the teaching of RP, a Christian Union, a 'Questions' group and a weekly Eucharist in the Cathedral crypt for pupils, staff and parents. There are regular prayer meetings for interested parents.



The Chemistry Department at King's

Head of Department: Richard Geary rgeary@ksw.org.uk

The Chemistry Department is housed on the first floor of the Winslow Building. The department has four well-equipped laboratories and a shared use of a Science Lecture Theatre. The Chemistry department has its own dedicated technician.

The Sciences are taught separately from Year 7. At KS4 the Chemistry course followed is the AQA Certificate GCSE course, with a small number of pupils studying the AQA Dual Award course. From September 2017 the Edexcel iGCSE Chemistry and Dual Award courses will be followed.

Chemistry is a popular option at A Level, with up to four sets in each year group. The department currently teaches the AQA A level course.

All of the Sciences have thriving extra-curricular clubs and a willingness to help with these and/or the wider extra-curricular life of the school is essential.



Teacher of Chemistry

A well-qualified graduate is required to teach Chemistry. Ideally, the candidate would have a degree in Chemistry, or a closely-related subject.

The successful candidate will be expected to:

- teach Chemistry to the highest standard across the age and ability range
- demonstrate in-depth and confident knowledge of Chemistry
- enable pupils to express themselves as freely as possible
- cater for learners of different types and abilities
- maintain class interest and lesson pace and to maximise learning in part by means of a varied range of resources
- demonstrate in-depth, current and confident knowledge of relevant examination syllabuses and prepare pupils thoroughly for examinations
- promote positive attitudes in the classroom, encouraging respect, tolerance, co-operation, courtesy and self-control at all times
- record and report the details of each child's progress, achievement and effort
- support pupils and colleagues fully in organisation of a diverse range of tasks, from examination preparation and marking to participating in/organising trips when appropriate
- maintain regular effective communication with colleagues, liaising regularly with the Head of Chemistry
- review their own effectiveness in their respective role(s)
- develop their own range of skills and knowledge
- maintain standards and implement the department's and the school's policies and procedures.

The ability to offer some extra-curricular activity would be an added advantage.



How to apply

Please complete an Application Form (Teaching Staff) available on the 'Vacancies' page of the school website, 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. There is no requirement to include a CV, though you are free to do so in addition to the Application Form if you think it would be helpful to us in assessing your achievements and experience.

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 taken up before the appointment is confirmed.

Closing date for applications: Wednesday 22 March 2017

Interview date: TBC

Getting to King's

Worcester is well-connected to the national road network, with easy access from J6 (Worcester North) and J7 (Worcester South) of the M5 motorway, which in turn is connected to the M6 (Birmingham and North of England), M50 (Hereford and South Wales) and M42 (West Midlands and Warwickshire).

Vehicle access to **King's** is via Edgar Street to either Castle Place (main entrance) or Severn Street. Public parking is available on King Street.

For sat-nav/GPS location: WR1 2NB.

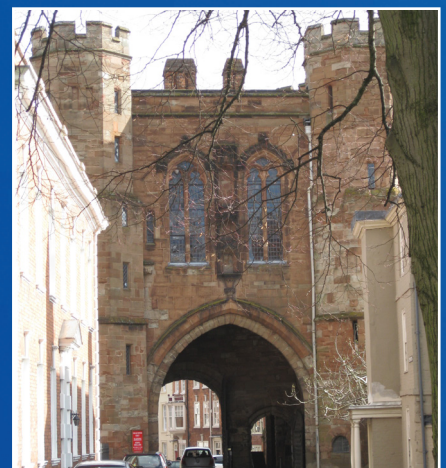
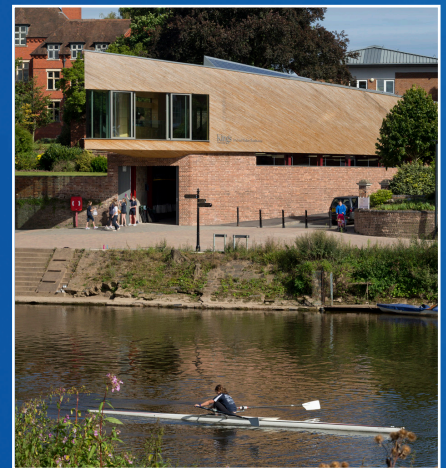
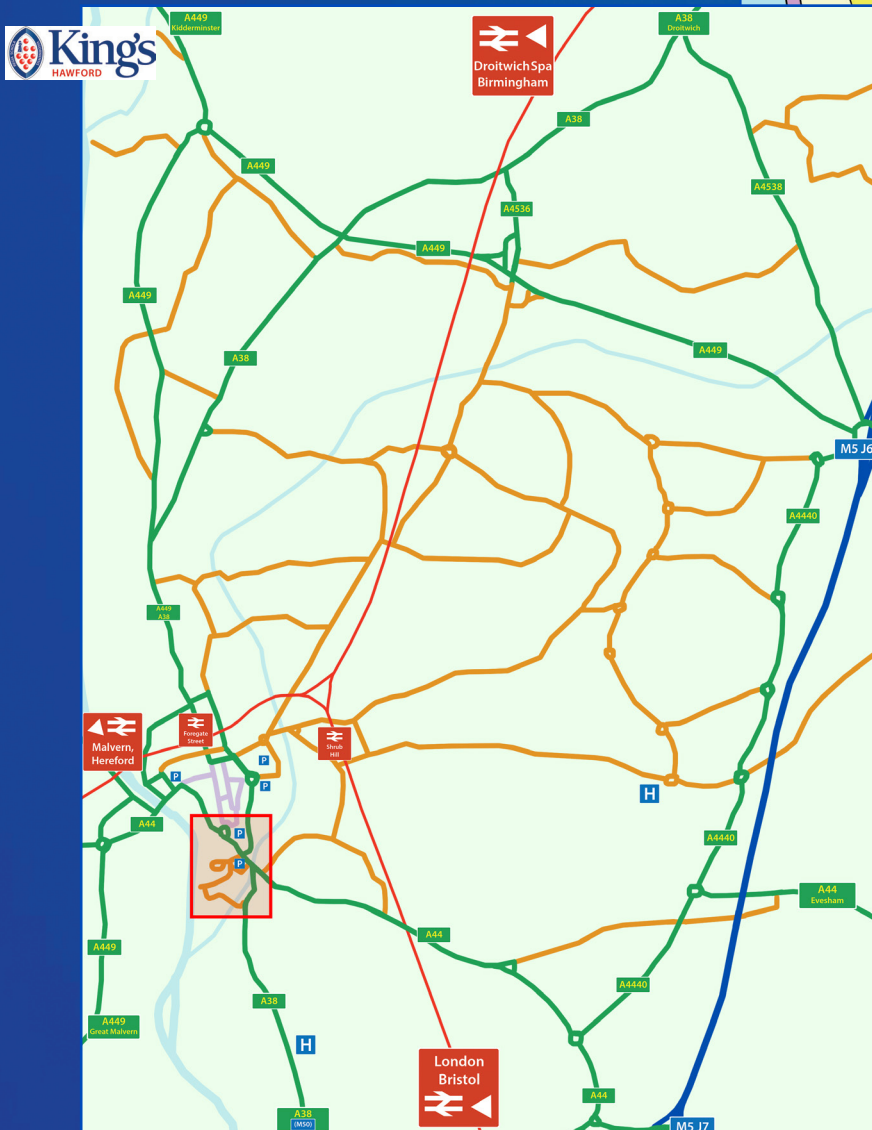
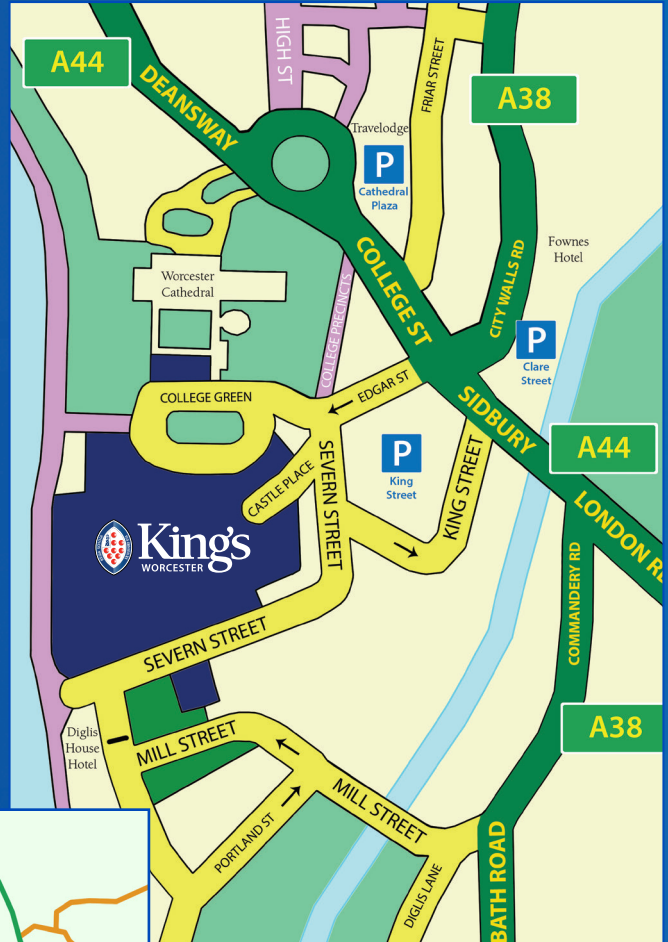
King's St Alban's is accessed from Mill Street (off A44 Commandery Road).

For sat-nav/GPS location: WR1 2NJ.

Both King's and King's St Alban's are easily reached by train; Worcester is served by two railway stations - **Worcester Foregate Street** (trains from Hereford via the Honeybourne line to London Paddington) and **Worcester Shrub Hill** (trains from Birmingham through to Gloucester and Bristol) - both of which are a 10 - 15 minute walk (or a short taxi ride) from King's.

King's Hawford is located on Lock Lane, accessed from the A449 northbound towards Kidderminster.

For sat-nav/GPS location: WR3 7SE.





King's

WORCESTER

www.ksw.org.uk

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