

# Information for applicants

## About the School

King's Ely can trace its origins from at least 970AD, making it one of the oldest schools in Europe. Originally a monastic foundation and then a grammar school by Royal Charter, today it is a thriving independent day and boarding school for around 1000 boys and girls aged from 2-18, offering a broad range of GCSEs and A Levels and from which almost all pupils go on to good universities in the UK and abroad. Most students are day pupils from Ely, Cambridge and the surrounding area, and there are also about 200 boarders with over 40 nationalities represented overall.

The school is subdivided into three sections: King's Ely Senior (age 13-18) and King's Ely Junior (age 7-13), which occupy adjacent campuses and shared facilities, and King's Ely Acremont and Nursery (ages 2-6) which have their own self-contained campus about 400m from the main site.

The main campus extends to around 70 acres in total and comprises several historic buildings adjacent to Ely Cathedral as well as more recent, purpose-built facilities spanning the thirteenth to the twenty-first centuries, and almost 40 acres of playing fields.

King's prides itself on being an academic school but not an academic hothouse. There is a great emphasis on personal development through an extensive co-curriculum of sporting, creative and performing arts and service opportunities as well as through building positive relationships with others in a tight-knit but outward-facing community. The safety, wellbeing and pastoral care of the whole community is central in what is a happy and purposeful school where our diversity and breadth of talent and ability is valued and nurtured.

King's Ely also plays a key role in the local community. The school is one of Ely's largest employers and also educates the boy and girl choristers of Ely Cathedral. King's is also a proud founder member of the Cambridgeshire Educational Partnership, which numbers twelve local schools working together to improve educational attainment, especially for disadvantaged children. The school also offers a number of bursaries to enable pupils from all walks of life to benefit from the education it offers.

King's Ely is a registered charity administered by a Board of Governors. The Principal is a member of HMC, and the school is also affiliated to the Society of Heads, IAPS, the Boarding Schools' Association and the Choir Schools' Association.

## Chemistry at King's Ely

The Chemistry Department currently consists of three full time and one part time teacher, all working closely as a team. Our best chemists will go on to study the subject or medicine at Russell Group universities, whereas our other candidates may be doing the subject to support other subjects. Our objective is to add value to them all. The department is a vibrant place to work and contributes fully to the school's wider Science offering, for example, through the 'Avicenna' Medical Society; participation in Chemistry Olympiads and arranging talks and activities for British Science Week.

At both A Level and GCSE we use the AQA specification. Lessons are fifty minutes long, and A Level students will receive six lessons spread between two teachers per week. Year 10 and 11 students will receive two lessons a week (Double Award) or three (Triple Award). Year 9 students will receive three lessons over a two-week cycle. An increasingly popular choice at A Level, this year just over a third of the Sixth Form take the AQA A Level Chemistry. In Years 10 and 11 Chemistry is taught as a separate subject in its own right (Triple Award option) but is also delivered as part of the Double Award Science qualification. Normally, approximately 50% of a year group would be taught the Triple Award option.

The department has a strong belief in the importance of well-planned practical work and has an enormous range of equipment to assist with this; all of it lovingly cared for by our extremely resourceful technician. The department makes extensive use of digital technology.

## Chemistry Examination Results

### GCSE

| Year | Entries | 9  | 8  | 7  | 6  | 5 | 4 | <4 | % 9/7 | % 9-4 |
|------|---------|----|----|----|----|---|---|----|-------|-------|
| 2021 | 47      | 15 | 12 | 10 | 6  | 2 | 2 |    | 79    | 100   |
| 2020 | 48      | 16 | 13 | 7  | 8  | 2 | 2 |    | 75    | 100   |
| 2019 | 45      | 11 | 14 | 11 | 5  | 3 | 0 | 1  | 80    | 98    |
| 2018 | 46      | 8  | 10 | 8  | 10 | 7 | 2 | 1  | 57    | 98    |

### A Level

| Year | Entries | A* | A | B | C | D | E | U | % A*-B | % A-E |
|------|---------|----|---|---|---|---|---|---|--------|-------|
| 2021 | 16      | 6  | 4 | 4 | 1 | 1 |   |   | 88     | 100   |
| 2020 | 14      | 1  | 4 | 7 | 1 | 1 |   |   | 86     | 100   |
| 2019 | 16      | 1  | 2 | 3 | 3 | 5 | 2 |   | 38     | 100   |
| 2018 | 15      | 2  | 7 | 4 | 2 |   |   |   | 87     | 100   |

# Teacher of Chemistry

## September 2022



### Job Description

#### Main Duties and Responsibilities

The post holder's duties will involve, but will not necessarily be limited to:

#### Teacher of Chemistry

- Excellent, dynamic and creative teacher with a high level of subject knowledge and skills;
- Extensive experience of practical work in Chemistry
- Determination to enhance, deliver and promote the teaching of their subject;
- High expectation of pupils both in academic achievement and behaviour;
- Commitment to continuous improvement and innovation, which leads to the teaching of challenging and differentiated lessons in the classroom;
- Produce high quality preparation and delivery of lessons to stimulate and encourage pupils' learning;
- Set and mark prep (homework) in line with school and department policies;
- Undertake regular reviews of pupils' academic progress and acknowledge student success;
- Keep good records of pupil achievement and progression;
- Set targets to improve the quality of learning and complete regular reports for pupils according to the school calendar;
- Establish good professional relationships with staff, learners and parents;
- Liaise with pupils and parents at Parents Evenings throughout the school year;
- Endeavour to provide extra-curricular learning opportunities and trips when required;
- Set and mark internal examinations and the writing of schemes of work;
- Keep up to date with developments in Chemistry and recent curriculum initiatives.

Accommodation is available for the successful candidate. There is also the possibility of a resident tutor role in one of our boarding houses.

We reserve the right to invite candidates for interview prior to the closing date and to close vacancies early if we have sufficient suitable applications. Therefore, we encourage interested applicants to submit an application as soon as possible.

# Teacher of Chemistry

## Person Specification

|   | <b>Essential:</b>   | <b>Desirable:</b>  |
|---|---|--|
| <b>Specialist skills and Experience</b> | <ul style="list-style-type: none"> <li>• A thorough understanding of Safeguarding and Child Protection issues;</li> <li>• A proven ability to empathise and relate positively to young people;</li> <li>• Ability to teach Chemistry to A Level</li> <li>• An ability to motivate and enthuse students and strong interpersonal skills.</li> <li>• Strong IT skills</li> </ul>  | <ul style="list-style-type: none"> <li>• The ability to prepare students for Oxbridge</li> <li>• The ability to teach a secondary Science to GCSE</li> </ul> |
| <b>Personal Qualities</b>               | <ul style="list-style-type: none"> <li>• A passion for your subject and for teaching;</li> <li>• A commitment to driving up standards;</li> <li>• A sense of fun, willingness to share ideas and inspire young people;</li> <li>• Ability to work in a fast moving environment;</li> <li>• A team player;</li> <li>• Dynamic and creative approach to teaching;</li> <li>• High expectation of self and others;</li> <li>• A willingness to participate fully in pastoral care, school duties and extra-curricular activities.</li> <li>• Enthusiasm to develop in your subject area and in the wider context of the school.</li> </ul> |  |
| <b>Qualifications</b>                   | <ul style="list-style-type: none"> <li>• Degree or equivalent in Chemistry or a related subject.</li> </ul>   | <ul style="list-style-type: none"> <li>• Post Graduate Certificate in Education.</li> </ul>  |

## Terms and Conditions

King's Ely has its own, generous salary scale. The salary for the role will be commensurate with experience and will recognise the responsibility this post entails.

- Members of staff are entitled to educate their own children in any of the three parts of the school. There is a staff discount for children's fees from Reception Year onwards; the total staff discount value for school fees is 50% for full-time staff, reduced pro-rata for part-time staff, subject to an overall school fees remission limit of 50% of their gross salary. All extra items are to be paid in addition.
- The school offers a private healthcare insurance scheme, which staff may opt to join shortly after the start of each academic year (the policy year starts on 1 November each year). The scheme can only be joined at the start of the policy year, not part-way through the year. P11D/HMRC BIK applies.
- Teaching staff are entitled to opt into the Teachers' Pension Scheme.
- King's Ely offers a comprehensive programme of CPD and is committed to developing the skills of our teachers.
- Members of staff are entitled to 10% discount on all King's Ely school uniform ordered for their own children from Schoolblazer.
- School lunch provided when at work over lunch time.
- A cycle to work scheme available.
- Use of school gym facilities (during specific times) and use of the school swimming pool at specific times (during summer)
- Free on-site parking (limited)

## How to apply

- All sections of the form should be completed as fully as possible.
- You may support your completed application form with a CV; however, this is not a requirement. On the CV, you may include a third referee.
- Please accompany your application form with a covering letter explaining your reasons for applying for this position. Please also give details of how your skills, qualities and experience meet the requirements of the job description and/or person specification.
- King's Ely is an equal opportunities employer, and all applications are welcomed, particularly those from underrepresented groups.
- King's Ely is 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 & Barring Service.
- If you are selected for interview, you will need to provide proof of identity, birth certificate, documentation confirming your National Insurance Number or your right to work in the United Kingdom and certification of qualifications.
- Please email your completed application to [recruitment@kingsely.org](mailto:recruitment@kingsely.org).