



CATERHAM  
SCHOOL



# Teacher of Chemistry

Appointment Brief


To start 1 September 2017

*One of the top co-educational schools in the country*





# Chemistry at Caterham



The Chemistry Department at Caterham is one of the most successful departments in the School with well qualified and enthusiastic staff who bring their own exciting styles and charisma to their teaching. Science as a whole has been awarded no fewer than 7 Good Schools Guides Awards in the last 7 years. We are looking for someone to share our vision and practice of dynamic teaching and learning and to further enhance our success.

All members of the Department are encouraged to use the flexibility of our syllabus and approach to pursue their own passions and interests within the subject, from Junior Science through to IGCSE and A-Level. We aim to encourage an atmosphere of enthusiasm for the subject and debate about it, both amongst ourselves and with students.

The Department has recently moved into a new multi million pound building providing us with a total of 15 fully equipped laboratories, and a three spacious prep rooms.

In the First Year pupils are taught Science by one teacher for 5 periods a week. Chemistry is taught by specialist teachers in the Second Year, and in the Third to Fifth Year for 3 periods per week.

In the First and Second Year pupils follow an in-house programme that addresses key areas of the subject and serves to give hands on practical and an exciting experience of the subject. They finish the Second Year enthused and keen to continue armed with the practical competence to become very good Chemists.

We follow the Edexcel IGCSE specification which we start teaching in the Third Year. All pupils follow the Triple Award Course until the end of the Fourth Year, when some pupils may opt for Double Award in the Fifth Year.

## **IGCSE Chemistry Results Summer 2016**

Passes at grades A\* to B 99%

Passes at grades A\* to A 86%

## **ICE Chemistry Results Summer 2016**

A2 Passes at grades A\* to B 88%

A2 Passes at grades A\* to C 95%

AS passes at grades A to B 75%

AS Passes at grades A to C 91%



# Chemistry Continued

Our teaching programme is augmented by Science trips to places such as the Science Museum, Marwell Zoo and the Science Centre at Herstonceux. In this way, all students are encouraged to engage in the subject in an active way.

At AS and A2 our numbers are healthy and increasing, and we are pleased that many of the stronger GCSE candidates opt for the subject in the Sixth Form. At present we have 58 students in the Lower Sixth studying for the AS, and 45 students in the Upper Sixth studying for A2, which currently follows the OCR A specification.

As with the Lower School, the department seeks to encourage and provide opportunity for students to develop their interest in the subject beyond the classroom. Our best pupils are trained and entered for the Chemistry Olympiad. Oxbridge sessions are held regularly to stretch, challenge and prepare our most able students.

Many of our A-Level students go on to pursue Chemistry and related degree subjects in Higher Education. Every year students studying Chemistry successfully achieve places at Oxford and Cambridge.

The Department currently consists of five members of staff plus one full time and one part time technician.

As part of a wider review of schemes of work and exam specifications, it is possible that GCSE and A Level topics may change for 2017-18. The successful candidate will be part of that transition process.





# The Role

## **Applications are invited for the post of Teacher of Chemistry with effect from 1 September 2017**

The School is seeking to appoint a dynamic, well-qualified graduate. The opportunity to teach Chemistry A Level, GCSE and KS3 will be available to the right candidate.

The successful applicant will:

- ◆ have a good, first degree
- ◆ have a real enthusiasm for the subject
- ◆ be committed to high quality teaching and learning
- ◆ have experience of teaching to A Level
- ◆ demonstrate an inspiring approach to teaching
- ◆ have excellent communication skills
- ◆ be committed to promoting high standards.

We are looking for someone with initiative, vision and the ability to build on the success of the Department and to contribute to further developments.

This post would suit someone new to the profession or an experienced teacher.

The person appointed will be expected to play a full and positive part in the life of the School. The ability and willingness to become involved in, and contribute to other co-curricular activities will be essential.



# The School

## One of the top co-educational schools in the country

Caterham School is one of the leading co-educational HMC schools in the country. We are committed to providing an environment in which all pupils are challenged to be the best they can be and one in which pastoral care and well-being underpin academic, co-curricular and sporting excellence. The majority of our pupils are day pupils but we are also a thriving boarding community, which enriches the educational opportunity and experience for all.

We believe in providing an education for life for all Caterhamians and we seek to ensure that the learning experience at our school blends the best of tradition with the exciting opportunities provided by new technology. Learning how to learn is a key facet of a Caterham education and is in our view an essential skill for life in the twenty-first century. We believe that a truly excellent school is about more than academic achievement alone: it is also about developing a passion for learning, a capacity for independent and critical thinking, self-awareness and resilience, self-confidence without arrogance and genuine interests that extend beyond the confines of the classroom.

At Caterham School we focus on developing the whole person, aiming to ensure that each pupil leaves here ready for the challenges of life at university and beyond and understanding their responsibilities towards others. We want our pupils to leave Caterham well equipped to engage positively with a rapidly changing world as accomplished problem solvers and innovators,

confident in their ability to lead and with a clear appreciation of and respect for the views and potential of others. In so doing we remain true to our founding Christian principles and values.

All round the campus you will see signs of our confidence in the future with our modern Sports Centre and all-weather pitch, recently refurbished boarding accommodation, new assembly hall and theatre, and state of the art IT facilities. In 2008 we built a new North Wing to provide improved facilities for Sixth Form pupils and new facilities for the Health Centre. In 2013 we added two more science labs to bring the total to fifteen. All this situated on 200 acres in the beautiful, wooded Harestone Valley.

Caterham School enjoys an enviable reputation for producing highly successful individual and team performances in a wide range of sports.

Excellence is pursued wholeheartedly (with many pupils achieving county, national and international representative honours), but the aim is also to cater for every pupil, at his or her own level of ability and enthusiasm.

The co-curricular programme is extensive and covers a wide range of activities including, but not limited to: music, drama, dance, Duke of Edinburgh's Award, languages, circus club, science, outdoor pursuits, go-karting, kit car club, chess and Warhammer.





# Latest News

## **CATERHAM'S TEEN TECH NATIONAL WIN!**

Caterham School's Teen Tech team have been announced as national winners at a special ceremony at Buckingham Palace. The three-strong team were chosen as overall national winners for their design and prototype of 'SensoSafe' – a bike light that also detects vehicles approaching the cyclist from behind, alerting them to the potential danger. The young engineers were presented their award by HRH the Duke of York.

Teen Tech is a national competition that invites entries from across the UK in a multitude of different STEM disciplines. The event recorded its highest ever number of entries this year with an astonishing 1400 groups putting forward their innovative ideas.

## **NEW CENTRE FOR THE PERFORMING ARTS**

Caterham School's new Centre for Performing Arts was officially opened by film and theatre actor and director Simon Callow CBE. The ceremony was opened by pupil musicians Hero Shimoji and Anastasia Kedrina who were followed by speeches from the Headmaster Ceri Jones and senior drama pupils.

## **OXFORD AND CAMBRIDGE PLACES SECURED**

13 Sixth Form pupils from Caterham School received offers from Oxford and Cambridge Universities (Oxbridge) in the last year, taking to 49 the total Caterham pupils studying at the world-leading universities in the last three years alone. This year's results from Caterham saw the school achieve an application-to-offer ratio of 57%, three times the national average

## **APPLE ACCOLADE**

Caterham School has once again been recognised as a leading school for its application of technology in teaching and learning. The School is one of only a handful of schools in the UK to be formally accredited as an Apple Distinguished School.

The School has established a best practise programme to integrate the use of iPads by all students alongside traditional teaching methods.

Since the launch of the programme, the School has received interest and visitors from across the globe, keen to learn from Caterham's experience and success.

## **BRITISH ASTRONAUT VISITS CATERHAM SCHOOL**

Britain's First Astronaut, Helen Sharman OBE, visited Caterham School to inspire young scientists and share her experiences of space. Helen was the British person to go into space when she stayed on the MIR space station and remains the fifth youngest person to travel to space.

In the first of two packed-out talks at Caterham School, Helen addressed pupils who were full of questions about life in space. Helen's young audience was gripped as she explained complex science in an accessible and inspiring way; she also peppered her talk with anecdotes about life in space including how astronauts eat dinner, go to bed on the ceiling and even use a special space toilet!

**For more news from Caterham School visit [www.caterhamschool.co.uk](http://www.caterhamschool.co.uk)**





# The Application Process



A completed application form and covering letter, should be addressed to Mr Ceri Jones, Headmaster, and emailed to: [HR@caterhamschool.co.uk](mailto:HR@caterhamschool.co.uk)

If posting documents please send to:

The Head of HR,  
Caterham School,  
Harestone Valley Road,  
Caterham, Surrey,  
CR3 6YA

This appointment is for **1 September 2017**.

The closing date for applications is **27 March 2017**.

The School reserves the right to appoint at any stage of the recruitment process; early applications are encouraged.

Caterham School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment. All offers of employment are subject to an enhanced DBS check.

[www.caterhamschool.co.uk](http://www.caterhamschool.co.uk)

INSPIRING EDUCATION FOR LIFE





# Benefits

We pride ourselves on the best support and care for our academic and bursarial staff – a school is only as strong as those working within it. As such, our staff enjoy a range of benefits and enjoy the strong sense of community that pervades the School.

## **Continuous Professional Development**

All staff have access to generous professional development training as part of the School's performance management process. The focus at Caterham School is on encouraging and supporting individuals to continue to grow their skills to provide the finest teaching and learning for our students.

## **Child Care Voucher Scheme**

A tax saving scheme for parents administered by Faircare. For employed staff, no qualifying length of service. The provider must be OFSTED registered. Further details available from the HR Department.

## **Counselling and Legal Advice Service**

A free, confidential 24 hour telephone service available 365 days per year.

## **Fee Remission**

Discount available on school fees. Please contact the HR department for full terms and conditions. Fees may also be paid via a salary sacrifice arrangement.

## **Pension Scheme**

Teachers Pension Agency Scheme.  
<https://www.teacherspensions.co.uk/>

## **Subsidised Sports Centre Membership**

Subsidised Membership to Caterham School's Sports Centre with extensive fitness suite, 25 metre indoor pool, sports hall and programme of fitness classes. £50 per year for staff member, £50 for partner and £25 for each child.

## **Car Parking**

Free on campus parking. Staff members must provide their name and registration number to the Bursary. Any permanent change of vehicle must be reported.

## **Free meals whilst on duty**

Includes breakfast, lunch and dinner during term time, and where available during the school holidays. Also extends to hot beverages and newspapers.

## **Subsidised 'Flu vaccinations**

Provided on school premises on an annual basis.

## **Discount in School Shop**

A 5 per cent discount on purchases.







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