



# **KING EDWARD VI CAMP HILL SCHOOL FOR BOYS**

**Teacher of Mathematics**  
**Full time**  
**Information for Applicants**

**SPRING 2022**



## GENERAL INFORMATION ABOUT OUR SCHOOL

King Edward VI Camp Hill School for Boys is a selective state school; it is a member of the King Edward VI Academy Trust Birmingham, which is a group of ten schools, six of which academically select their pupils. These schools, together with two independent schools, form the King Edward's Foundation. The school moved from the inner city to its present location on the former Cartland Estate in 1956. Kings Heath is a pleasant suburb in South Birmingham with easy access to the M42, M40, M5 and M6 motorways, to Stratford and to the Warwickshire/Worcestershire countryside. In recent years, we have benefited from a new Sports Hall, Library, laboratories, classrooms and Sixth Form Common Room.



There are 960 students on roll, of whom 327 are in the Sixth Form. The school admits 120 pupils a year at the age of 11. Nearly all of the students stay on at the school to the age of 18 and proceed into Higher Education. Academic standards are very high – in 2019 the percentage of GCSEs passed

at grades 8 and 9 (75%) placed the school 6th amongst state schools in the country. At A Level the percentage of exams passed at A\* placed the school 9th. 19 boys have won conditional Oxbridge places this year (September 2020 entry).

## **THE MATHEMATICS DEPARTMENT**

### **Staffing:**

Mrs Janaki Garg (Head of Department - currently on Maternity leave)

Mr Justin Thompson (Second in Mathematics, acting Head of Department)

Mrs Sallyann Bourne (Head of Sixth Form)

Mr Sam Brear (Geography, Maths, Catch-up coordinator)

Mr Paul Bruten (Deputy Head, Curriculum)

Mrs Sarah Crockford (part-time, acting Head of Department)

Mr Tom Dowling (Head of Year 10, Head of House, English, Drama)

Mr Martin Garrod (part-time)

Mr Peter Jack (part-time)

Mrs Rosemarie Jermine (part-time, acting Head of Department)

Mr Scott Li

Mr Tim Watkins (Head of Year 11, School Timetable)

The department is fortunate to contain well qualified and enthusiastic teachers of the subject. There is a strong feeling of working as a team and the sharing of resources and teaching ideas are key features in its success. Department meetings are used as a mechanism for the discussion of new teaching methods but informal discussions in the staffroom are typical if our pupils have, once again, impressed with their insight and enthusiasm!

In March 2011 the department was subject to an Ofsted inspection. The department was judged outstanding in all aspects and was particularly praised for its strategies to engage and stretch the most able. As a result of this we were included in the Maths: Made to Measure publication and our work was included in an Ofsted case study. Search for us on the Ofsted website!

## **ACCOMMODATION**

There are 9 specialist teaching rooms for mathematics. Each room is equipped with an LCD projector, SMART interactive whiteboard and sound system. Each member of staff is provided with a laptop. Each teacher also has their own set of graphical calculators.

## **CURRICULUM**

All pupils study Mathematics to G.C.S.E. which is taken in Year 11, and in addition many take the OCR FSMQ in Additional Mathematics, which is taken in the same sitting. Currently over 200 have chosen to continue their study to A level, including over 60 studying Further Mathematics (in Upper and Lower Sixth).

The ethos and aim of the department is one of challenge, where pupils are encouraged to think, 'have a go', suggest ideas, and then individually, in pairs, in groups or whole class as appropriate, work them through, learning and benefiting perhaps more from initial 'wrong' attempts than from the perfect-first-time route which never uncovers future by-paths or cul-de-sacs to be avoided. To this end we enter pupils for the UK Maths Challenges, where many have gone on to enjoy significant

success. Many students qualify for the follow up Olympiad rounds and we have been fortunate to see a number of our pupils invited to summer schools and training camps. This year one of our Year 13 students has qualified for BMO2. We have also entered the UKMT team competitions for many years, with our teams reaching the national final on a number of occasions. In 2014 our senior team finished 15<sup>th</sup> in the national final, while in November 2018 our A team won the regional final, by a wide margin.

The use of the interactive whiteboards is a joy, giving staff and pupils the opportunity to benefit from a variety of teaching and learning methods. We have a range of computer packages available, such as Autograph and Geogebra, and we make extensive use of these in our teaching.

### **KEY STAGE 3**

Mathematics is taught in six hours a fortnight in Years 7 and 8 and in five hours a fortnight in Year 9. We use the Framework Maths Extension series of textbooks as the basis of our schemes, alongside materials produced by the department. By the end of Year 9, we expect all students to have reached what was once called Level 8. Mathematics is taught in form groups of about 30 pupils, and there is no setting.

### **KEY STAGE 4**

In Years 10 and 11, Mathematics is taught in sets, enabling the group sizes to be differentiated by pupil ability. The students have six hour-long lessons a fortnight. We currently follow the new OCR J560 linear course. About half the year group will also take the OCR FSMQ in Additional Mathematics, with around three quarters achieving a top grade. We have never entered the pupils early for GCSE.

In 2021 every student in Year 11 achieved at least a grade 5 in GCSE Mathematics, with over 98% of the grades being 7 - 9.

## A LEVEL

Over 90% of the current Year 12 study Mathematics. The MEI syllabus, offered through OCR, is our current course. There are four groups in each year studying “single” mathematics in nine hours a fortnight, and two studying further mathematics in fourteen hours a fortnight.

Many pupils go on to use their mathematics at university, with some leavers obtaining places on dedicated mathematics courses at top universities. Each year, mathematicians also obtain places at Oxbridge, after taking Oxford’s MAT or STEP papers.

Year	2018	2019	2020	2021
%A*/A/B	84	80	86	92
%A*/A/B FM	88	90	94	100

## THE POST

The post becomes vacant due to the continued growth of the school. We are seeking a suitably qualified and talented classroom practitioner who can bring the best out of our students, and who is able and willing to make a contribution to the wider life of our school.

A generic job description is available on the website.

## FURTHER INFORMATION

Candidates are asked to complete the application form and attach a letter of application giving examples of achievements, skills and experience which match those sought in the job description provided by the school. These documents should be sent to me as soon as possible, but by no later than **Monday 31<sup>st</sup> January**. Interviews are scheduled to take place in the week beginning 14<sup>th</sup> February.

Please do not hesitate to contact me if you require any further information. Camp Hill Boys is a happy, flourishing and friendly community as well as an outstandingly successful grammar school. I look forward to receiving your application.

**R W Bowen**  
**Headmaster**