



**Teacher of Mathematics  
from  
September 2018**

## **MATHEMATICS TEACHER from September 2018**

We are looking for an enthusiastic, well qualified graduate to join the Mathematics Department at Box Hill School. Applications from Newly Qualified Teachers are welcome and the NQT year is validated by the government via ISCTIP, supported by appropriate mentoring and timetable reduction. The Mathematics department is situated in the relatively new Winthrop Young building, offering the opportunity for the successful candidate to work in a new classroom equipped with interactive technology. A willingness to be involved in the extensive extra-curricular life at this busy boarding and day school is encouraged.

### **The Department**

---

The Mathematics Department consists of six full time staff including the HOD, and one part-timer. The successful candidate will be expected to teach a varied timetable up to and including IB Standard Level or A-level Mathematics. To assist with the management of the subject there is currently a Key Stage 4 coordinator and a Key Stage 3 coordinator. All members of the department teach a range of abilities and ages and the Mathematics department also provides the Mathematics teaching for the International Study Centre on site and liaises closely with the Learning Support Department, where there is specialist Mathematics provision. We accept a comprehensive intake from a variety of mathematical backgrounds and nationalities so the early days are spent consolidating ideas already encountered and bringing students up to common standards. From the outset pupils are taught in small ability sets (maximum of 22 in a group) and movement between sets can occur at any time during the year as students make progress.

Up to Key Stage 3 the Oxford press, 'mathslinks' text books are used. Investigational work is encouraged, but there is great emphasis on ensuring that number skills are sound. At Key Stage 4 most sets follow the Pearson Edexcel IGCSE (9-1) text book series. At the end of Year 11, students take the Edexcel IGCSE examination at either the Foundation or Higher level. Our top year 11 set take their IGCSE alongside the AQA Certificate in Further Mathematics at the end of year 11. Statistics GCSE is offered to our International Study Centre students at KS4.

Mathematics is a compulsory subject, if a student is taking the International Baccalaureate Diploma programme in the Sixth Form. On this programme, students have the option of 2 courses. Students with an interest in Mathematics and with at least a level 7 grade at IGCSE (or equivalent) can choose the more demanding Standard Level IBDP course. The Standard Level Mathematics Studies programme caters for those for whom Mathematics is more of a challenge or for students who are looking to pursue a subject at university that has no mathematical element. All students need to be able to use graphical calculators within the IBDP Mathematics

programmes. Staff and students make use of Kognity, the interactive digital resource, which supports IB diploma subjects.

We have been teaching Mathematics A level as well as the Diploma programme for some years now and ideally applicants will be able to offer A level as well as Further Mathematics A level. We follow the Edexcel scheme for both the A level and Further Mathematics. Teachers and students use the Pearson Active Learn digital service as well as hard copy text books. The A level programme is available to those students who are stronger at mathematics, ideally achieving a level 7 or better.

Throughout all these programmes, the use of ICT is encouraged. All of the Mathematics rooms possess computer facilities, data projectors and interactive whiteboards. In addition, entire groups can be booked into specialist computer rooms for lessons. Geogebra software plus many other computer packages and apps are regularly used in the department. Many students possess their own laptops.

## **The Person**

---

### *Qualifications, skills and experience:*

The successful person will have:

- A good honours degree and a recognised teaching qualification (eg a PGCE);
- Good IT skills;
- The ability to work with a range of staff groups at all levels;
- A Mathematician who can confidently teach Mathematics at IGCSE through to IB Diploma Standard or A-Level

### *Personal qualities*

The successful person will have:

- A very good sense of humour;
- Good inter-personal skills;
- An ability to work very hard; resilience;
- Enthusiasm that inspires others;
- Excellent communication skills;

## Remuneration

---

Box Hill School has its own pay scale above the national scales and we will pay a salary commensurate with the experience of the applicant.

## The Application Process

---

- Candidates must complete the school application form, equal opportunities form and must include the names and addresses of three referees.
- A letter of application, no longer than two sides of A4 in length, should be addressed to the Headmaster, Mr Cory Lowde, at:

Box Hill School  
Mickleham  
Dorking  
Surrey  
RH5 6EA.

- Applications may be submitted electronically to [maggie.lawrence@boxhillschool.com](mailto:maggie.lawrence@boxhillschool.com) but a hard copy should also be sent by post.
- Candidates may also send their CVs as well, but this does not replace the need to complete the school application form.
- The deadline for submission of applications is: **Monday 30 April 2018 by 9am**
- Candidates invited for interview will be given a tour of the school; have an interview with the Head and/or Deputy Head as well as the other colleagues; and deliver an observed teaching session.

Thank you for your interest. We look forward to receiving your completed application