

## TEACHER of MATHEMATICS

### INTRODUCTION

Cranleigh School seeks to appoint an interested, well-qualified and enthusiastic graduate to teach Maths across the full age range and ability from September 2018. Both new and experienced teachers are encouraged to apply. The successful candidate will be able to teach Maths, and, ideally Further Maths in the 6th form and will possess an obvious passion for their subject. Excellent subject knowledge, a passionate approach to teaching and a commitment to teamwork are necessary attributes for any candidate.

Cranleigh School is a leading fully co-educational independent boarding and day Senior School consisting of around 630 girls and boys of 13 – 18 years of age. There is also a Preparatory School in close proximity to the Senior School which has around 330 girls and boys.

### THE CURRICULUM

On arrival in the Fourth Form (Year 9) students undertake a foundational year. The priorities for this year are:

- Deepening conceptual understanding
- Increasing fluency of core skills
- Improving clarity of mathematical communication
- Development of approach to problem-solving
- Growing valuable learning characteristics such as perseverance and independence.

Pupils are set by ability and all follow the same scheme of work with varying degrees of depth and exploration.

All pupils take Edexcel IGCSE Higher tier Maths at the end of Year 11. Due to our emphasis on enrichment rather than acceleration, no students currently take this exam early.

Members of the Department actively create and share resources to ensure that appropriate stretch and challenge is provided for all students. For those students continuing Maths into the Sixth Form (and all the way through) we aim to ensure that they are thoroughly prepared for the transition. Depth of understanding of algebra, geometry and graphs is prioritised.

In the Sixth Form the following Maths qualifications are offered:

- Cambridge Pre-U Maths
- Cambridge Pre-U Further Maths

The post may well involve teaching the full range of abilities and ages from the lowest ability Year 9 class, right up to the Further Mathematicians of Year 13. It is vital that the successful candidate enjoys the challenge of teaching such a broad range of pupils – giving confidence and enjoyment to those who find Maths a struggle, whilst stretching and inspiring the most able of pupils. We regularly successfully prepare students for Oxbridge entrance exams as well as gaining success in the UKMT Challenges.

The department has been at the forefront of the launch of 'Cranleigh Thinking' within the school. Whilst this initiative is still in its early stages, the Maths Department is particularly seeking to develop resources and schemes of work with a renewed focus on depth of thought and understanding, as well as perseverance in problem-solving and independence.

The introduction of iPads for pupils from January 2018 provides many new opportunities and the successful candidate must be prepared to fully engage with this new initiative. All teachers are supplied with their own iPad. Our intention is for technology to be used to supplement and enhance learning.

## THE DEPARTMENT

There is a good blend of youth and experience amongst the ten members of the department, all of whom teach across the age-range of the school. The team is a friendly and open one, committed to providing all pupils with the opportunity to fulfil their potential whilst gaining a love for Maths. Weekly department meetings give the opportunity for colleagues to share good practice and discuss the progress of individual pupils.

Lessons are taught in 50 minute periods and take place within a well-resourced, purpose-built Maths block, with each teacher having their own classroom. Interactive white boards and visualisers can be found in every classroom, and the maths office contains an ever-increasing range of resources. The use of IT is actively encouraged.

## THE PERSON

The successful applicant will have an enthusiasm for the subject and for teaching, and will take responsibility for a number of classes across the age and ability range of the pupils in the School.

They should expect to:

- Work independently as an effective, classroom practitioner, directing and being responsible for the learning of each allocated set of pupils, for each academic year;
- Develop and maintain effective working relationships with pupils and colleagues alike;
- Be able to design every lesson individually, to a high standard, conforming to the scheme of work laid out in the department's working document;
- Communicate articulately, positively and sensitively to pupils of different ability and age, developing a working relationship of mutual trust and respect;
- Use an appropriate range of resources and strategies in teaching to facilitate good learning;
- Organise and manage time effectively to meet the demands of the teaching week;
- Monitor the progress of all pupils, giving constructive feedback;
- Provide written reports, report grades and summative assessment marks and departmental reviews by the deadlines set;
- Be aware of different pupils' educational needs and direct teaching and learning appropriately;
- Be accountable to the Head of Department for all routine activities throughout the working week and give feedback on any pupil, staff or organisational issues;
- Be accountable to the Head of Department and Senior Leadership Team for external examination results;
- Work as part of a team in the development of new course material and its implementation;
- Show evidence of and a continuing interest in professional and personal development;
- Share resources and "best-practice" with the rest of the department;
- Cover lessons for absent colleagues within and beyond the department.

In addition the successful applicant would be expected to get involved in all aspects of this busy boarding school including acting as a tutor to a group of students within a House, this would normally include one evening duty per week, as well as delivery of some of the School's PSHEE programme. All teachers are expected to contribute to the School's co-curricular programme and co-curricular activities alongside their academic responsibilities.

The accompanying information, 'Why teach at Cranleigh?' gives an impression of the ethos to which it is expected that the successful candidate will contribute.

If you have any questions or would like to discuss any aspect of the post informally, please get in touch with Simon Quinn, Head of Maths by email in the first instance: [sgq@cranleigh.org](mailto:sgq@cranleigh.org)

## THE APPOINTMENT

The appointment is from September 2018.

Candidates should state fully what their particular interests are and where they think they can make contributions to the wider life of the school.

Cranleigh School has its own salary scales significantly above the maintained sector and the successful applicant will be offered a salary commensurate with their qualifications and experience. Accommodation is available if required and salaries are adjusted accordingly. Significant fee concessions are available at both Cranleigh Preparatory School and Cranleigh School.

Further details and application forms are obtainable from the School website or the Head of School Administration. Candidates are requested to submit a brief letter of application, together with the completed application form supported by a full CV, as soon as possible and no later than **8.30 am on Wednesday 24<sup>th</sup> January 2018**. Applications will be considered as they are received and should be sent to:

The Headmaster, Cranleigh School, Horseshoe Lane, Cranleigh, Surrey, GU6 8QQ or via email to [mrp@cranleigh.org](mailto:mrp@cranleigh.org)

*We are committed to the safeguarding of children and enhanced disclosure screening will apply to this post.*