

## TEACHER OF MATHEMATICS

### September 2018

Whitgift is one of Britain's leading independent day and boarding schools for boys aged between 10 and 18 years with approximately 1460 pupils and 106 boarding or flexi-boarding pupils. The School, which was founded in 1596 by Elizabeth I's last Archbishop of Canterbury, John Whitgift, is one of the oldest in Croydon and enjoys facilities of outstanding quality, amongst the best available nationally. It is set in an attractive 48 acre parkland site in South Croydon with excellent links to London, Surrey and the south coast.

#### The Vacancy

The successful candidate must be someone who is confident, proactive and reflective about their teaching, has excellent communication skills, is capable of contributing positively within a team and is committed to raising attainment through excellent teaching and learning.

We are seeking to appoint an enthusiastic and dedicated graduate who possesses a genuine passion for Mathematics alongside a capacity to share this effectively with pupils of all ages and values independent learning. A commitment to maintaining the high standards of the department would be expected, and there is excellent scope for an inspirational teacher to develop and apply their skills and knowledge at all levels. Involvement in the wider activities of the department would be expected, and the ability to teach Further Mathematics modules and help prepare pupils for Oxbridge may be an advantage.

The position is suitable for someone who is new to teaching and looking to challenge themselves academically, newly qualified teachers or for a more experienced candidate who has the skills to enrich this already successful department. The ability to work as a team is essential and candidates will also need to have good IT skills.

A proactive culture of supporting and developing talented and inspiring teachers is supported by the Senior Management Team. Training and development includes:

- regular in-house training for all teaching staff
- NQT induction programme for unqualified teachers
- School Direct programme to support those new to the profession.

As a Boarding School, stimulating opportunities may be available for the right candidate to contribute to the pastoral care of students as a Boarding Tutor, both resident and non-resident along with a wide range of co-curricular activities.

The position reports to the Head of Mathematics.

## **The Mathematics Department**

The Mathematics Department at Whitgift consists of a strong and motivated team of 18 graduates, who deliver the Mathematics curriculum throughout the School from Year 6 to Year 13. There is a wealth of experience, with several of the department involved in other roles within the School. The Head of Mathematics, assisted by the Deputy Head of Mathematics, oversees the day to day running of the department, and all members are expected to contribute towards this as appropriate. The Department is dynamic and confident, bringing together teachers with interests in a variety of fields within the subject, and the team works together excellently. Mathematics is presented as a vibrant subject in its own right whilst, alongside this, recognising the importance its application holds. It is the most popular subject in the Sixth Form.

The majority of lessons from Year 8 upwards are taught in dedicated Maths classrooms, all with white boards and projectors. There are Interactive White Boards in three classrooms and training opportunities are available to help staff wishing to develop their use of mathematical software and graphical calculators in their teaching. There is also a Maths store room and office, currently the work space for 11 members of the department. Extensive collaboration and levels of support are central to the department in working to encourage and inspire boys of all ages.

Mathematics is a core subject throughout the curriculum to age 16. In the Lower School (Years 6-9), there are two broad aims: to develop and nurture a familiarity and enthusiasm for the subject and to introduce and utilise the more formal processes which lead into the examination years.

## **Curriculum**

In the Fifth Form (Years 10-11), the boys work towards the Edexcel International GCSE: in 2017 the results were 62% A\*, 94.6% A\*/A and 100% A\*- C. The course will be graded on the new 9-1 scale from 2018. At present, around 50 boys take the OCR Additional Maths qualification in Year 11; last year 42 of these achieved an A grade.

In the Sixth Form, boys choose between A Levels and the International Baccalaureate. With 3 different levels, Mathematics is a compulsory part of the IB Diploma with levels being awarded out of a maximum 7 points; last years' average scores were 6.2 at Higher Level, 5.4 at Standard Level and 6.8 for Mathematical Studies, the latter being taken at the end of the Lower Sixth.

## **Academic Results**

For those taking the A Level route, the MEI course is followed for both Mathematics and Further Mathematics. In addition to those studying the IB, Mathematics is a hugely popular choice, with over 200 of the current Sixth form studying the subject. The results at Maths A Level for 2017 were 95% A\*-B, with 25 boys achieving an A\* grade. A good number of students opt to take Further Maths, with 100% achieving A\*/A in 2017.

		2017	2016	2015
GCSE	A* - A	94.6%	92%	92%
AS Level	A - B	NA	69%	69%
A Level	A* - B	100%	89%	89%
IB (Higher Level)	7 – 6	82%	80%	75%

The Mathematics Department is delighted that each year there are a number of boys who wish to continue their study of the subject further and go on to read Mathematics at university. Whitgift has a superb record of success at Oxford, Cambridge and other top universities in this respect, and helping students to prepare for their applications and for STEP exams can be a particularly rewarding experience. There are also many other applications for Maths related degrees who are offered significant support by the Department.

### Co-Curricular Activities

Junior and Senior Maths Societies offer structured opportunities for those seeking extension work to explore material beyond the syllabus, and the School takes part in a number of challenges and competitions, as well as giving boys the chance to consider the applications of the subject as part of the School's STEM program. More recently, a biennial residential trip to Cambridge has been established, offering the best pupils the opportunity to explore exciting topics outside the classroom environment and to work in mixed age groups on a range of Olympiad style problems. We also enter a team for the London based Hans Woyda Mathematics competition and the Mathematics Team Challenges. Many boys are entered for the UK Mathematics Challenge according to their age.

### Contact

Please feel free to contact School HR on 020 8688 9222 or e-mail [schoolhr@whitgift.co.uk](mailto:schoolhr@whitgift.co.uk) if you have questions regarding the vacancy or would like to know more.

## Conditions of Service

The salary will be on the Whitgift Foundation scale (substantially above national scale) according to qualifications and experience. Accommodation may be available. Assistance is offered towards removal expenses etc., up to £1,000 in total.

Staff are required to make a significant contribution to the co-curricular life of the School and this is reflected in the salary offered. A strong commitment to the pastoral and house system is also anticipated.

We offer a generous salary and benefits package including membership of the Teachers' Pension Scheme( including Life Assurance cover), Employee Discount Club , discount on school fees for the Foundation Schools (permanent posts only), staff discount on off-peak membership at our on-site gym (Nuffield Health), membership of a healthcare plan, a range of family-friendly benefits and season ticket loan.

We welcome applications from all parts of our community as we aspire to attract staff that matches the social and cultural diversity of our student intake.

For further information and an online application form, please visit [www.whitgift.co.uk/vacancies](http://www.whitgift.co.uk/vacancies). For any general queries, please telephone the School Human Resources Department on 020 8688 9222 or e-mail [SchoolHR@whitgift.co.uk](mailto:SchoolHR@whitgift.co.uk).

Applications will be reviewed on a daily basis and interviews may occur at any stage after applications are received so we invite interested candidates to apply as soon as possible.

As a result of the Asylum and Immigration Act 1996, employers now have to verify that new recruits who are not British Nationals are eligible to work in this country. Therefore any applicant who is offered an interview will be asked to provide official documentation to verify their ID, address and right to work in the UK. It is also normal practice for the School to ask for original qualifications and professional membership documents as detailed on their application.

***Whitgift School is committed to safeguarding and promoting the welfare of young people, and applicants must be willing to undergo child protection screening including checks with past employers and the Disclosure & Barring Service.***