



## APPLICATION PACK

Enjoy teaching well at.....

# Dartford Grammar School

An IB World School



## Post: Teacher of Mathematics

Start Date: September 2018

(or later by negotiation)

Package: MPS/UPS + LFA

Teachers' Pension

Childcare Vouchers

Free Gym Membership (BSC)

The post is a full-time permanent position.



National Support School  
designated by  
  
National College for  
Teaching & Leadership

Specialism  
QualityMark  
Leading and Transforming  
SSAT



Japanese  
Excellence  
Programme



Mandarin  
Excellence  
Programme



*The school is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.*

*An enhanced DBS check is required for all successful applicants.*

## **ABOUT US**

### ***A learning community developing international citizens***

Dartford Grammar School is a selective secondary academy for boys, which admits girls to its sixth form. There are six forms of entry to Year 7, and all of the students joining the school are from the top 25% of the ability range. The students come from Dartford, neighbouring towns and villages, and nearby London boroughs. The current roll is 1,485, including 625 in the sixth form.

#### **Curriculum**

The school provides students with a seven year innovative education programme, based on the philosophy of the International Baccalaureate Organisation. Dartford Grammar School has become the first British state school authorised to offer the IB Middle Years Programme to pupils in Years 7 to 9. Its sixth form programme is also exceptionally wide with courses leading to the International Baccalaureate Diploma. The IB courses are crucial to our ethos encouraging our students to be independent, creative and highly successful lifelong learners.

Students at Dartford Grammar School enjoy very high academic success. In 2017, and for the second consecutive year, more than 70% of GCSE grades were the equivalent of A\*/A. Our Sixth Formers gained an average UCAS points score of 215 (new tariff). Almost all of Year 13 students proceed to university with more than 70% successful at Russell Group universities.

#### **Ofsted Inspections**

The school has been identified four times by Her Majesty's Chief Inspector of Schools (most recently in May 2011) as one of England's most successful schools and colleges, showing a sustained period of outstanding achievement.

#### **Specialist Status**

In September 1995, the school became one of the first two language colleges in the country. The school is committed to internationalism. While maintaining its high levels of strength in all curricular areas, the school is established as a centre of excellence for the learning of languages, offering tuition in ten. Following the 2008 Ofsted inspection the school was awarded Science as this third specialism and most recently achieved an additional Specialism Quality Mark in Sport.

The school is a leading Confucius Classroom, a leading Japan Foundation and Goethe Institute school and has been reaccredited with the International Schools Award at the highest level. Dartford Grammar School is an IB World School and the Sunday Times IB School of the Year 2017.

The school has recently been awarded 'Teaching School' status and works as a lead school across a local alliance of primary and secondary schools, providing additional professional development opportunities.

#### **Buildings and Facilities**

The school, founded in 1576, has occupied its present site since 1866. Additional buildings have been constructed since then, the major works in last 10 years being listed below:

2008	extension of sixth form centre adding five teaching rooms;
2009	the remodelling of the Mick Jagger Centre, to provide additional teaching rooms and new laboratories and a Food Technology suite;
2011	new sixth form study suite
2012/13	extended sixth form centre
2013/14	new science department
2013/14	new Key Stage 3 transition area
2014/15	new Performing Arts Centre and rejuvenation of part of the Hardy building
2015/16	new dining hall and additional laboratories
2017/18	new sixth form centre

### **Pastoral Support**

The school has a strong pastoral system operating from Year 7 to Year 13. The school is divided into Key Stage units, and each year group has a Curriculum Manager who oversees all aspects of the students' development. The school provides 3 Higher Education Advisers and a specialist Careers Adviser.

### **Extra-Curricular Programme**

The school is exceptionally rich in extra-curricular activities. It offers 16 sports and competes with others in at least eight of them each year. Teams regularly gain county, regional and national success, and many students gain representative honours at one or more of these levels. The Junior Athletics team are the current National Champions. The school achieves high standards in music, and has an orchestra, wind band, choir, chamber choir and many other ensembles. Drama productions are frequent. There are many other clubs and societies, with debating always a popular activity. The school's impressive programme of community service is regarded as a particular strength. The school benefits from many close links with Europe, China and Japan. There are regular overseas cultural and sports trips, and other international visits.

### **External Links**

The school has a very active Parents' Association, which provides valuable assistance and support. The school has strong links with local industry and with Higher Education. It has extensive links with many other institutions, and is also part of the world-wide International Baccalaureate Organisation network.

### **What the School Offers Teachers**

The school provides its staff with the experience of teaching able and well-motivated students in an environment with high expectations of behaviour and well-developed systems of teacher-support. The school has a national reputation for the quality of its programme of professional development. The programme includes much that falls within specific subject areas.

The school is committed to participation in initial teacher training. Other aspects include a course for newly-qualified teachers, preparation for middle management, development of existing middle managers and preparation for senior management. While the school's extensive programme of overseas visits give many staff international experience, the school ensures that its staff development has a further international dimension, for example in IB courses. Staff members have access to the school's excellent facilities for sport and the performing arts.

### **Becket Sports Centre and The Mick Jagger Centre for the Performing Arts**

Out of school hours the facilities of both centres are shared with the local community. They are managed by school staff, reporting through independent management structures.

The Becket Sports Centre (currently being extended and improved) comprises a sports hall and fully equipped fitness studio, with a separate aerobics/training room, which has a sprung floor, allowing dance sessions to be held. The Mick Jagger Centre includes two auditoria (seating 200 and 350 respectively, both with retractable seating), 8 music practice rooms, dance studio, exhibition space, two music rooms and a Drama Studio. It is a base for 20 community organisations, and runs a small commercial programme attracting a range of talents and performers.

### **Website**

Further details of the school, including breakdown of performance figures, can be accessed through:  
[www.dartfordgrammarschool.org.uk](http://www.dartfordgrammarschool.org.uk)

## The Mathematics Department

The department is comprised of eight full time members of staff and three part-time, all graduate specialists. The current management structure comprises of a Head of Department supported by an Assistant Head of Mathematics and two further subject leaders. There is also a teacher responsible for gifted and talented provision within the school.

The department is heavily involved with Kent and Medway Training (KMT) providing training for both Maths specialist teachers and supporting the training of teachers from other mathematical disciplines. The department also assists KMT to deliver some of the professional studies sessions.

Courses: Dartford Grammar School has a timetable that consists of thirty periods per week, each consisting of fifty minutes. For most lessons in Key Stages 3 and 4, students have three periods of Maths every week. Year 9 is a transition year between Key Stage 3 and 4 and students have 4 lessons per week. Key Stage 3 is delivered over an accelerated two year programme and provides a solid foundation for GCSE Maths. In Key Stage 4 the students follow the Edexcel linear GCSE course with all students taking the exam at the end of Year 11.

All students at Dartford Grammar School follow the International Baccalaureate Diploma Programme in the Sixth Form. Maths is a compulsory element of this course so there are approximately 600 students currently studying Maths in the sixth form. Students have the choice of studying Maths at Higher Level (HL), or at Standard Level (SL) where the students choose either Maths Standard SL or Maths Studies SL. Maths HL is a very rigorous course with six lessons a week that is designed to prepare students for study in Maths based subjects at university. Maths Standard SL has three lessons a week and is designed for a student who wishes to follow a course in further education that requires a solid understanding of mathematical applications such as Economics or Finance. Maths Studies SL is designed for students who will not have a Maths element to their degree course.

Extracurricular activities: The Department prepares numerous students for entry into the UK Maths Challenges. Our students have enjoyed recent success with many students in Key Stage 4 and 5 progressing to the second round of the competition. We take students to the Institute of Education every year for Maths in Action lectures delivered by university professors and developing more opportunities for enrichment and extension activities is a key priority for the department this year.

The Post: Success for all students in Mathematics is central to life at Dartford Grammar. We are seeking to appoint an enthusiastic and well-qualified teacher to join the Department and to contribute to its work. A flexible, innovative and imaginative approach to teaching is essential as is a readiness to assist with extracurricular activities in the school.

## **ROLE PROFILE**

<b>Vacancy</b>
<b>Outline of Role:</b> <ul style="list-style-type: none"><li>• To carry out the role of a teacher as defined in the School Teachers' Pay and Conditions document.</li></ul>
<b>Responsibilities as a Teacher:</b> <ul style="list-style-type: none"><li>• To teach assigned students.</li><li>• To participate in the development of appropriate syllabuses, materials and schemes of work.</li><li>• To assess, record and report on the development, progress and attainment of students.</li><li>• If required, under the direction of the Curriculum Manager, to act as Form Teacher of an assigned group of students, and to carry out related duties.</li><li>• To carry out a share of supervisory duties in accordance with published lists.</li><li>• To participate in appropriate meetings with colleagues and parents relative to the above duties.</li></ul>

### **NOTES**

- 1 The responsibilities are subject to the general duties and responsibilities contained in the statement of Conditions of Employment.
- 2 This job description allocates duties and responsibilities but does not direct the particular amount of time to be spent carrying them out, and no part of it may be so construed.
- 3 This job description is not necessarily a comprehensive definition of the post. It will be reviewed at least once each year, and it may be subject to modification or amendment at any time after consultation with the holder of the post.

## **THE APPLICATION PROCESS**

Completed application forms should be sent, by post, to the Headmaster, Mr W J Oakes, Dartford Grammar School, West Hill, Dartford, Kent DA1 2HW or by email, to Mrs A Dennett (HR Manager) [adennett@dartfordgrammarschool.org.uk](mailto:adennett@dartfordgrammarschool.org.uk)

Closing date for applications: Friday 18<sup>th</sup> May 2018

Interview date: To be confirmed

*The school may interview early in the case of an exceptional candidate.*