



(HMC & IAPS, CSA, Co-educational, Boarding & Day)
(Church of England Foundation)

Appointment of TEACHER OF MATHEMATICS

(September 2020)

THE SCHOOL

St Edmund's School is a co-educational day and boarding school with c. 550 pupils from the ages of 3 to 18. The school is officially designated "a school of religious character". The Choristers of Canterbury Cathedral, who are full members of the Junior School, were incorporated into St Edmund's in 1972. The Head is a member of the Headmasters' and Headmistresses' Conference (HMC) and the Master of the Junior School is a member of the Incorporated Association of Preparatory Schools (IAPS) and of the Choir Schools' Association (CSA).

The Pre-Prep, Junior, and Senior Schools are on the same site and are closely integrated, using the same Chapel, music and art facilities, dining hall, science laboratories and sports hall. The school prides itself on its friendly, family environment where every pupil is known and valued.

Although the majority of children are day pupils, one quarter of the school's pupils are boarders, from a wide range of backgrounds. The school operates a five-day teaching week, but also runs a Saturday morning activities programme which is optional for Senior School day pupils. All boarders participate in both Saturday and Sunday activities programmes.

All full-time members of the Senior School teaching staff are expected to offer and contribute to the full programme of extra-curricular activities and study opportunities on Saturday mornings on a rotational basis.

The school adjoins the University of Kent and is able to make use of many of the University's facilities: the Templeman Library, the Gulbenkian theatre and the public lectures amongst others. London's West End is within easy reach. Further information about St Edmund's may be found on the School's website: www.stedmunds.org.uk.



THE MATHEMATICS DEPARTMENT

Introduction

Mathematics is a core subject, compulsory for all pupils up to IGCSE. Pupils in years 7 and 8 are taught in three sets, and for the Fifth Form years (Years 9 to 11) pupils are taught in four sets, most of whom are prepared for Higher Tier IGCSE. There are two A-level sets in each of the Sixth Form years, and one Further Mathematics set. Mathematics has a high take-up rate to A-level, and an almost 100% staying-on rate from AS to A2.

School policy discourages early entry for IGCSE examinations, but for those whose ability is high, an informal enrichment course is offered on a voluntary basis to stretch minds and to stimulate interest.

The department follows the Edexcel A-level specification for both Mathematics and Further Mathematics.

Facilities

Mathematics is taught in a block of five dedicated classrooms with some storage space. Rooms have computers, data projectors and screen.

Staffing

The Department consists of three full-time teachers in addition to the Head of Department, plus two other teachers with split responsibilities (one of whom also holds the post of Assistant Head). All have formal Mathematics or Mathematics-related degrees. There is a balance of expertise in Statistics and Mechanics across those teachers who are involved in the delivery of A-levels. Every effort is made to balance each teacher's workload across top and bottom sets. A-level sets are usually split across two teachers.

Texts

The Fifth Form programme follows the Edexcel (Pearson) texts, supplemented by a range of additional materials. The Pearson series is used for each of the taught A-level modules.

Examination results

The track record of success is very strong in external examinations, especially on a value-added basis when academic potential is considered. The ability span of lower school pupils is wide, from the very able to those with significant learning and social difficulties. It is expected that most pupils in



Sets 1 and 2 will gain grades 7, 8 and 9 at IGCSE. In any year, the number of pupils who fail to achieve at least a C grade will be extremely small.

For many years, the modal grade at A-level has been A, and Further Maths results are also predominantly at A or B grade. Departmental results here are among the strongest in the school.

Many of the school's most recent successful entrants to Oxford or Cambridge have offered a Mathematics-related discipline and have been prepared for the entrance process from within the department.

THE POST

The successful candidate will be an enthusiastic and well qualified graduate of Mathematics, or a closely-related discipline, who will be capable of stretching and inspiring motivated students, instilling a passion for the subject.

The post involves teaching Mathematics across the year groups and ability ranges. We welcome applications from teachers new to the profession as well as those with teaching experience.

The following qualities are deemed to be essential in the successful candidate:

- A degree in a subject closely-related to Mathematics;
- A good level of current subject knowledge;
- Enthusiasm for and commitment to the subject;
- An approach to teaching that is varied and flexible;
- The ability to communicate effectively and accurately, both orally and on paper;
- Sound classroom management skills;
- The ability to relate well to pupils of all abilities and to a wide age range;
- The ability to deal confidently with sensitive issues concerning pupil welfare;
- Good organisational skills;
- Reliability in working to deadlines.

The desirable qualities of the successful applicant include:

- A good honours degree in Mathematics;
- Ability to teach Mathematics and Further Mathematics to A-level;
- Familiarity with GCSE and A-Level Mathematics syllabi;
- Personal qualities of enthusiasm, and the ability to motivate and inspire pupils;
- Well-developed ICT skills;
- A willingness to contribute to extra-curricular activities, both within the department and as part of the School's sporting, clubs or activities programmes, for example the CCF.



CONDITIONS OF SERVICE

The school is a member of the Teachers' Pension Scheme and it is assumed that all teaching staff will continue as members of this pension scheme unless they inform the school otherwise. Fee remission is available to members of staff subject to spaces being available. Lunch is offered free-of-charge for all staff whose working hours encompass the time of school lunch and who accept the necessary supervisory role of staff and pupils during this period. Free parking on site is available for all staff.

All members of staff are expected to contribute to the wider life of the school community and are personal tutors to some 8 to 10 pupils. All full-time members of staff contribute to the games and/or activities programmes. New members of staff are expected to complete one night's boarding duty per week for one term in their first year of service.

St Edmund's School Canterbury is committed to safeguarding and promoting the welfare of children and applicants must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service (DBS).

Personal information provided by candidates will be kept on a secure file in the school and will not be released to third parties outside the school without the permission of the person concerned, except where there is a legal requirement so to do.

APPLICATIONS

Applications must take the form of a completed application form, and a concise covering letter outlining the candidate's suitability for the post. The names, and contact details (including emails) of two referees are required.

The deadline for receipt of applications is **09.00am Friday 28th February 2020**. Applications should be emailed to slh@stedmunds.org.uk

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