

MATHEMATICS at St George's College, Weybridge

The Mathematics team is a very strong department with a mixture of thirteen committed teachers of varied backgrounds and experiences and the department benefits from strong and supportive leadership. It is envisaged that the person appointed will be enthusiastic about mathematics and enjoy teaching the subject to all levels and abilities. The willingness to teach both Pure and Applied Mathematics at A Level Maths is essential. There is also an expectation to take on some specific responsibility within the Department.

The College has intakes at 11+, 13+ (Common Entrance) and into the Sixth Form. Each year the Department and the Head of Department, in particular, are actively involved in the entrance examinations and procedures. Many of the 11+ intake come from the Junior School with which a designated department member liaises throughout the year, so there is more than an adequate awareness of the students' abilities prior to arrival. The marking of the Common Entrance papers by the Department similarly allows for new entrants to be fitted into the sets which increase at 13+.

The setting in Maths is flexible and it is reviewed twice a year to allow, where appropriate, for movement between sets but in the year and a half leading up to GCSE the movement is kept to a minimum. In the First and Second Years the number of sets is equivalent to the number of tutor groups of entry, whereas in the Third, Fourth and Fifth Years the number of sets is one more than the number of tutor groups of entry. This allows for ensuring that the set sizes can be adjusted according to ability, smaller set sizes for the lower ability sets.

The textbook provision for First and Second Years is predominately the Essential Maths series. For Third, Fourth and Fifth Years the textbooks are a mixture of textbooks, with other resources available for the delivery of the curriculum. The department is very well resourced, both in terms of equipment and Mathematical software.

This is a department which achieves consistently high results and this is largely due to the outstanding teachers who are very good team players. All sets will be entered for the International GCSE, with the top sets also entered for the GCSE Further Maths course. The results have always been extremely good both at GCSE and A-Level. Mathematics is currently the most popular subject at A-Level.

At A Level Mathematics it is usual to have 100% pass rate with an A/B of 80% or higher for A Level. For Further Mathematics we have attained 75% or over at A*-A. An increasing number of students are opting to read Mathematics in Higher Education and the department encourages this. The students are prepared for the Edexcel GCE specification and the current textbook provision are those endorsed by Pearson. Teaching takes place in designated mathematics classrooms and there is an office available for all members of the Department. All classrooms have data projectors and they are equipped with an Interactive Whiteboard.

ADDITIONAL SPECIFIC RESPONSIBILITIES

- a) To be a Tutor to an assigned Tutor Group and to carry out related duties in accordance with the general job description of Group Tutor including implementing the PSHE programme
- b) To carry out supervisory duties in accordance with the DH Staff's Supervision Rota. This amounts to the equivalent of 1.5 Term's worth of duties, spread throughout the 3 x Terms. Duties are scheduled to avoid clashes with other areas of responsibility.
- c) To make a significant contribution to non-departmental extra-curricular activities, in addition to the above. Core contribution is defined as the equivalent of 1 x Term's Saturday Sport; this can be met in a variety of ways, including 1 x evening of contribution across 3 Terms, depending on the nature of the activity. Co-curricular contributions which exceed this can be eligible for additional remuneration, but this will need to be negotiated with the Head of Co-curricular and DH Staff, once in post.
- d) The school has a House system and all staff are members of a House and expected to support its activities.
- e) All staff are expected to supervise EPQ students if required, as all students in the Sixth Form undertake this qualification.

CONDITIONS OF SERVICE

The salary will be dependent upon experience and qualifications. The College participates in the Teachers' Superannuation Scheme. The College adheres to the current statutory requirements for retirement procedures.

APPOINTMENT PROCEDURE

A completed Application Form, CV and a brief covering letter, together with the details of two referees should be forwarded to:

Mrs Rachel Owens, Headmistress; St George's College Weybridge, Weybridge Road, Addlestone, Surrey KT15 2QS or by email to: headmistress@stgeorgesweybridge.com.

St George's employs personnel who are best qualified for the post without any discrimination in favour of race, colour, gender or national origin. All staff must be able to support the Mission Statement of the school.