



Lancaster Royal Grammar School

Teacher of Mathematics

Information

The Mathematics department currently consists of eight full time and four part time members of staff, fully committed to teaching the subject across the age range. Staff are keen to develop the teaching of mathematics at LRGS to provide a stimulating environment in which all pupils can learn. Teaching takes place in the Timberlake and International Buildings within eight well equipped classrooms, six of which contain interactive whiteboards. The Timberlake building also contains a computing room with thirty networked terminals.

In Years 7, 8 and 9 classes are taught in form groups, following our fully resourced curriculum with the aim being to maximise student progress through the development of their mathematical foundations whilst instilling the confidence to use their mathematics in unfamiliar situations. In Years 10 and 11, boys are set and Edexcel's GCSE 9-1 syllabus is followed with all boys usually being entered at Higher Tier. Set 1 also study AQA's Level 2 Further Mathematics course. ICT is used at all levels in the teaching of mathematics, both inside the classroom and in our computing rooms.

Mathematics is the most popular A-level at the school with 220 boys currently studying A-level Mathematics including 42 boys studying Further Mathematics. The Further Mathematicians study a range of Pure, Mechanics and Statistics options. The specifications followed are those of Edexcel.

Students from Years 7-13 take part in the UKMT Maths Challenges and we enter teams for the Junior and Senior Team Maths competitions. In 2017 both teams qualified for the national finals with the junior team achieving the Best in North West England award.

JOB DESCRIPTION

Essential requirements

The successful applicant will be able to teach Mathematics across the age and ability range. The position is suitable for an experienced teacher or an NQT. Full details of the essential requirements are given on the next page. The school has a thriving extra-curricular program of events in mathematics and the successful applicant will be able to contribute to this.

All staff at LRGS are expected to help with the pastoral development of pupils. This will involve acting as a Form Tutor with specific responsibility for registering pupil attendance and monitoring overall progress for a group of pupils.

Desirable

With such large numbers of A-level students, the successful applicant will be interested in developing their A-level teaching. Full details of desirable requirements are given on the next page.

All staff are encouraged to make an additional contribution to the life of the school depending on their interests and inclinations. Possible areas include clubs and societies, sport, outdoor activities, Combined Cadet Force, drama and music.

There may be the opportunity to assist with the boarding houses either supervising pupils during an evening or living in as a Resident Tutor. For boarding responsibilities a separate allowance is provided.

Teacher of Mathematics : Job Requirements

CRITERIA	ESSENTIAL REQUIREMENTS	DESIRABLE REQUIREMENTS	EVIDENCE
Qualifications and Experience	<ul style="list-style-type: none"> Graduate with Qualified Teacher Status (degree, PGCE, BEd etc) Ability to teach Mathematics to GCSE-level. 	<ul style="list-style-type: none"> Knowledge of teaching and learning initiatives Ability to teach Mathematics to A-level Successful prior teaching experience and relevant INSET 	<ul style="list-style-type: none"> <i>Application form</i> <i>Application form</i> <i>Lesson Observation</i> <i>Reference</i> <i>Application form</i> <i>Reference</i>
Knowledge and Experience	<ul style="list-style-type: none"> Vision of successful classroom practice Broad base of subject knowledge Possess a range of teaching and learning strategies and be able to evaluate outcomes Classroom practice that leads to effective pupil progress 	<ul style="list-style-type: none"> CPD on a range of teaching/learning issues 	<ul style="list-style-type: none"> <i>Lesson Observation</i> <i>Interview</i> <i>Letter of Application</i> <i>Interview</i> <i>Letter of Application</i> <i>Reference</i> <i>Interview</i> <i>Lesson Observation</i> <i>Interview</i>
Personal Qualities	<ul style="list-style-type: none"> Ability to work as part of a subject team Good ICT skills Ability to maintain good classroom behaviour Good personal and organisational skills (lesson preparation, scheme of work development, meeting deadlines, record keeping) Good interpersonal skills Hard working, good attendance. Can contribute to the whole school ethos 	<ul style="list-style-type: none"> Experience of working with ICT in the classroom. Can contribute to wider school development e.g. clubs and societies, sport, drama, music 	<ul style="list-style-type: none"> <i>Reference</i> <i>Interview</i> <i>Lesson Observation</i> <i>Reference</i> <i>Interview</i> <i>Lesson Observation</i> <i>Interview</i> <i>Letter of Application</i> <i>Reference</i> <i>Interview</i> <i>Reference</i> <i>Interview</i> <i>Reference</i> <i>Reference</i> <i>Reference</i> <i>Interview</i>