



THE LATYMER SCHOOL

# MATHEMATICS TEACHER



INFORMATION  
FOR CANDIDATES



## LETTER FROM THE Headteacher:

Dear Candidate,

I am delighted to write, as the Headteacher of The Latymer School, to thank you for your interest in the Mathematics Teaching post at our school.

The Latymer School is a high achieving, selective grammar school with a great tradition of success; we aim to provide a first class education for all our students. In 2014/15 our GCSE results were outstanding and placed us in the top 6% of schools nationally for progress. At A level 63% of grades were A\*/A and at AS 56% of grades were at grade A, again amazing results but we always feel we can do better. Our students go on to the top universities including a high number at Oxford or Cambridge and we are looking for someone who wants to work with and support bright and ambitious students.

We believe that an outstanding education develops students academically, socially and morally, giving them the skills to be successful in whatever they do once they have left us. We also feel it is important to develop students outside of the classroom and offer a wide range of extra-curricular activities and trips. We would want the successful candidate to play a full part in the life of the school.

Our motto is 'who endeavours wins' and that sums up the ethos we wish to build within our school community; life is not always straight forward and we encourage our students to persist, to keep trying and then success will come.

We look forward to welcoming you to our community and look forward to receiving your application for the post. Further information can also be found on our website.

Maureen Cobbett  
Head Teacher



## INFORMATION ABOUT THE SCHOOL

We are a selective grammar school for boys and girls aged 11 to 18. We aim to provide a broad and stimulating educational experience with very high standards within the formal curriculum while believing that school life should be valued for itself and not only as a preparation for adulthood.

There is an outstanding musical tradition which leads to a wide range of music making, much of it of very high quality, mainly as an extra-curricular activity. Drama, sport and outdoor pursuits are also very strong. Our field centre in North Wales (Ysgol Latymer at Cwm Penmachno), owned by the Foundation, is used as a base for outdoor pursuits and field courses in Year 7 and Year 9 and all staff have the chance to accompany groups.



### THE FOUNDATION

The Latymer Foundation at Edmonton dates from 1624, when Edward Latymer bequeathed certain property to trustees on condition that they were to clothe and educate eight poor boys living in the Ancient Parish of Edmonton. Other gifts were made to the trustees and the various charities were merged into one in the early part of the eighteenth century. The School takes its name from the principal benefactor. It became co-educational in 1910 and in that year moved from Church Street to its present site in Haselbury Road. In the intervening years the School has grown in numbers and its premises have been frequently extended and modernised.

### THE CURRICULUM



Our aim is to enable each pupil to develop his or her talents and interests to the full while experiencing a broad and balanced curriculum throughout Years 7 - 11. The courses offered challenge pupils to develop insight and independence of thought through an active and problem solving approach which relates learning to the real world and values both sound learning and intellectual rigour. At GCSE students take 10 examination subjects.

In the Sixth Form pupils currently take 4 AS-levels in Year 12, some pupils will continue with 4 AS subjects to A-level but the majority will reduce to 3. The majority of Sixth Formers proceed to degree courses at Universities or to other forms of Higher Education in Music, Drama, Art and other areas. We have a tradition of students attending the top universities including Oxford and Cambridge.

### PASTORAL CARE

Every teacher is a form tutor and stays with their form group for 5 years; tutors know their groups very well but they are also supported by a Year Head of Learning and an Assistant. We pride ourselves on the quality of care we give to our students. We recognise that being part of an academic grammar school can be challenging for students and we make sure we support those who may find the academic standard high but also we support those very bright and gifted children.



### THE SCHOOL LIBRARY AND LEARNING RESOURCES CENTRE

The School Library is a vital resource for teaching throughout the school. Some 17,000 volumes (which are constantly reviewed, 'weeded' and replenished) are housed in the handsome setting of the Ashworth & War Memorial Libraries. There is a wide selection of periodicals. We are proud of the number of students from all year groups who use the library before and after school, during the day and at break and lunchtimes.



Computer facilities include three computer rooms for general use and there is another computer room in the Technology area. All staff are provided with a laptop and the school has a wireless network throughout. All classrooms are equipped with interactive whiteboards.

### THE HOUSE SYSTEM

The House system is embedded in the traditions of the school and is one of its strengths. It provides the structure for much of the extra-curricular activity in the school. House loyalty is fostered by the House identity of the 6 Forms in each year (Ashworth, Dolbe, Keats, Lamb, Latymer, Wyatt). Staff are allocated to Houses and are Form Tutors to pupils in their own House. Much of the House activity is run by Senior Pupils, elected by their House, under the supervision of Senior House Staff. Tutors, and Year Heads, progress with their form from Year 7 to Year 11. Sixth Formers are in smaller pastoral groups with experienced tutors.



### YSGOL LATYMER OUTDOOR PURSUITS CENTRE



In 1966 The Foundation purchased a former primary school in the village of Cwm Penmachno, within the Snowdonia National Park. Since that time, the building has been developed into a comfortable and well equipped centre

accommodating one standard form group (30) and accompanying staff. Each year every Year 7 and Year 9 pupil has the opportunity to spend a week at the centre, taking part in a variety of outdoor activities. These include hill walking, orienteering, mountain cycling, climbing, abseiling, horse riding, canoeing, kayaking, rafting and swimming. In addition, older students visit the centre for Outdoor Pursuits related to Duke of Edinburgh Award, GCSE AS and A Level PE and also to take part in the 'fourteen peaks' challenge. Both staff and pupils alike cite visits to the centre amongst their most enjoyable and memorable experiences of Latymer School life.



## THE MATHEMATICS DEPARTMENT

The Mathematics Department is staffed by 11 highly skilled specialist teachers led by Mr Pannell (Head of Mathematics). The management team also includes Ms Tumilty (Second In Charge and KS3 Coordinator) and Ms Woodruff (Third in Charge and G&T Coordinator).

Through clear direction, the department has consistently delivered outstanding examination results over many years with the majority of students achieving A\* at GCSE and A\*/A at A Level. Mathematics is very popular as an A Level option with approximately 350 students studying maths in the Sixth Form and, of these, almost 100 studying Further Maths. The department is proud of the high quality maths education it provides, and of the many students that have gone on to read Mathematics at prestigious Universities such as Cambridge and Warwick.

Our philosophy in the Mathematics Department is that students learn mathematics most effectively by doing mathematics and our lessons are constructed with this in mind. With 11 contemporary maths classrooms, each equipped with the latest interactive whiteboard technology, students have a first class environment within which they can learn. Teaching and learning is further enhanced through the use of [mymaths.co.uk](http://mymaths.co.uk) and graphical software such as Autograph. The department is well resourced with the latest text books, and has a range of other relevant teaching materials.



If you would like to join a department that prides itself in providing a warm, supportive working environment for its staff, with the added bonus of guaranteed A level teaching (tailored to what you can offer), then we would like to hear from you.

### ACTIVITIES AND RECENT HIGHLIGHTS

Each year, hundreds of our students are entered for the UKMT National Competitions at Junior, Intermediate, and Senior levels. The results are outstanding with most students achieving a bronze, silver, or gold certificate. Students who perform exceptionally well are invited to attempt one of the follow on rounds which provide a fantastic opportunity for our most gifted mathematicians to excel. Recently, two of our senior students qualified for the BMO Round 2 (final) paper, taken by an elite few nationwide. Both did very well, with one scoring high enough to be invited to a mathematics workshop at Trinity College, Cambridge.

The Mathematics Department welcomes “visitors” such as prospective trainee teachers and former students who have gone on to study maths at University. The links maintained with former students have proven invaluable and many have returned to Latymer to offer help and advice to current students with their applications to Cambridge. We also work closely with [furthermaths.org.uk](http://furthermaths.org.uk) and each year our prospective Oxbridge candidates attend the entrance exam preparation courses that they provide.

The Department continues to maintain strong working relationships with teacher training institutions such as King’s College, and is a willing provider in training the maths teachers of tomorrow. More locally, we assist in providing maths support for Year 6 pupils by sending around 30 Year 12 volunteers into a neighbouring primary school.

# CURRICULUM

## YEAR 7 - 9

Students cover the following areas of mathematics: Number; Algebra; Ratio, proportion and rates of change; Geometry and measures; Probability; Statistics.

Students are taught in mixed ability groups, and in Year 9 they are taught in sets. The sets are reviewed at the end of Year 9.

The levels covered in each year, based on GCSE (9-1), are as follows:

Year 7: 2 - 5

Year 8: 3 - 6

Year 9: 4 - 7

We have the latest resources that relate mathematics to real life and cater for students of all abilities.



## YEAR 10 - 11

Students cover the following areas of mathematics: Number; algebra; ratio, proportion and rates of change; geometry and measures; probability; statistics.

Students are taught in sets which are reviewed at the end of Year 10.

The levels covered in each year, based on GCSE (9-1), are as follows:

Year 10: 5 - 8

Year 11: 6 - 9

All students are entered for EDEXCEL GCSE MATHS 9-1 (1MA1) at the higher level. We have the latest resources that relate mathematics to real life and cater for students of all abilities. Where appropriate, a number of topics may be studied in more depth.

## SIXTH FORM

Each year, approximately 350 Sixth Form students are prepared for EDEXCEL A Level/Further Maths examinations in a variety of Core (Pure), Mechanics, Statistics and Decision Maths modules. A/S Level Mathematics may be taken within the A Level options.

The more able students opting for Further Mathematics have double the teaching time of the single subject option. There are currently two Year 12 and two Year 13 Further Mathematics sets.

## JOB DESCRIPTION

This job description outlines the main responsibilities that are common to all teaching staff. Many have additional duties, such as those of Form teacher, Year Tutor or Head of Department. The duties of teachers may be changed from time to time. A subject teacher is responsible to their Head of Department (HoD).

Be aware of and play an appropriate part in implementation of all school policies, including the school rules and any regulations relating to safety.

To contribute to the teaching of the subject.

To participate with HoD and other colleagues in the development of appropriate Specifications, materials and schemes of work.

To prepare lessons and deliver the curriculum in a manner appropriate to the age and ability of the pupils concerned, following the agreed Specification or scheme of work.

To keep up with developments in the subject area.

To ensure good order prevails in the classroom so that learning can take place.

To contribute to the department's system of assessment of pupils, including where applicable the setting, marking and moderation of coursework tasks, tests and examinations.

To set and mark homework assignments in accordance with the published homework timetable and any agreed departmental procedure.

To inform HoD of any difficulties in any teaching group, e.g. pupils for whom the Specification is not sufficiently demanding or too demanding.

To contribute to the school's extra curricular programme either within the department or wider school.

To keep records of books and other resources issued.

To participate in the school's system of reporting on pupil progress and behaviour at appropriate times.

To participate in appropriate meetings with colleagues and parents, including house meetings.

To carry out a share of supervisory duties and cover arrangements in accordance with published rosters.

To set and keep high standards of punctuality and courtesy and of appropriate dress for self and pupils.

To attend assemblies and other formal occasions as required.

To participate in the Performance Management strategy according to agreed procedures.

## PERSON SPECIFICATION

We are seeking to appoint a graduate who is able to demonstrate the following qualities and experience:

Criteria	Essential	Desirable	Method of Assessment
<b>Qualifications</b>	DfES recognised Qualified Teacher Status  Honours Degree	Evidence of continuing professional development.  Awareness of current syllabus development.	Application form and references
<b>Commitment to Safeguarding Children</b>	Has up-to-date knowledge of relevant legislation and guidance in relation to working with, and the protection of, children and young people.  Displays commitment to the protection and safeguarding of children and young people  Values and respects the views and needs of children and young people		Application form, references and interview
<b>Experience</b>	Proven record as a teacher whose students reach high standards of learning and achievement.  Able to enthuse, motivate and discipline students.  Experience of teaching across the full age and ability range of an 11-18 school.  Experience in the use of ICT in the classroom with the skill to impart that expertise to others.	Experience as a Form Tutor.	Application form, references and interview
<b>Special Aptitudes</b>	Ability to teach to KS3, GCSE and 'A' level.  Commitment to improving student learning and raising achievement.  Enthusiasm to inspire in students a desire to learn and participate.	Interest in innovation in the classroom including interactive whiteboard skills.  Experience and understanding of helping high and low achievers.	Application form, references and interview



<b>Interpersonal Skills</b>	<p>Good ICT, oral and written communication skills.</p> <p>Ability to work effectively as part of a team.</p> <p>Ability to work on own initiative.</p> <p>Ability to take responsibility for planning own workload and commitments.</p> <p>Ability to work under pressure and keep to deadlines.</p> <p>Ability to be sensitive to the needs of others.</p> <p>Ability to be supportive.</p> <p>Professionalism.</p> <p>Good record of attendance and punctuality.</p> <p>Willingness to reflect upon his/her experiences in a critical and constructive manner.</p>		<p>Application form, references and interview</p>
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# HOW TO APPLY FOR THE POST

Please do visit our website, find out more about The Latymer School:

[www.latymer.co.uk](http://www.latymer.co.uk)

If, after reading the information you are interested in joining us please complete the Teaching Staff Application Form, together with a letter of application outlining:

- ◆ Your experience to date
- ◆ How this has prepared you for the role

Completed forms and letters should be returned to:

Mrs M Cobbett, Headteacher,

The Latymer School

Haselbury Road

London N9 9TN

Email: [recruitment@latymer.co.uk](mailto:recruitment@latymer.co.uk)

The closing date for applications is 10am on **Wednesday, 4th May 2016.**

