

Teacher of Mathematics

We are looking for a dynamic and innovative teacher who can deliver engaging and interactive lessons that cater to the needs of our students. Your strong subject knowledge and ability to explain complex mathematical concepts in a clear and concise manner will be key to fostering a deep understanding of the subject.

At Presdales School, we aim to provide a Mathematics curriculum which:

- is accessible to all and supports and challenges all learners, regardless of prior attainment or background
- is carefully **planned and sequenced** to allow for progression within topics and across strands of mathematics
- supports students in developing their **procedural fluency** through frequent recall of facts, formulae and key rules
- explicitly focuses on the development of students' **reasoning skills** through regular verbal rehearsal and in writing involving questions that require thinking about the 'how' and 'why'
- provides regular opportunities for students to develop their **problem solving skills** through exposure to multi-topic questions and unfamiliar problems which require them to draw on knowledge from their long-term memory
- includes **early exposure to algebra** by transitioning from working with numbers to generalising and working with variables and unknowns
- promotes relentless insistence on use of **correct language** and **subject specific vocabulary**, resulting in students 'speaking like mathematicians'
- promotes teachers to proactively present **common misconceptions** and **errors**, generating discussions around why these are not mathematically correct
- includes explicit use of the **concrete-pictorial-abstract** approach to ensure a real depth and conceptual level of understanding, fading scaffolds and models as students move from novice to expert learners
- encourages teachers to use **consistent methods and approaches** to topics and concepts to support students' transitions between classes, year groups and teachers
- includes **regular formative assessment** in the form of knowledge checks, reasoning and problem solving skill checks, low stake multiple choice quizzes and mini whiteboards to check for understanding
- embeds **retrieval practice** to ensure learning sticks, through lesson starters, homework tasks and interleaving of topics as students work through the curriculum
- fosters a **love of maths** and an **appreciation of how mathematics** underpins virtually all the practical developments in science, IT and economics which have formed our modern world.

The department is a team of 9 dedicated Maths specialist teachers which include three key stage leads who lead on their respective curriculum areas. As a team, we have collectively developed our own 7-year curriculum from Year 7 to Year 13, ensuring clear progression from the moment students join us in Year 7 until they leave us in either Year 11 or Year 13. We have 5 dedicated Maths classrooms, one of which also has 20 desktop computers. We are fully committed to supporting students with their learning and offer a range of lunchtime and after school support sessions including lunchtime drop-ins for each key stage, A level Masterclasses to support our KS5 students with exam technique and The Maths Paper Society for Year 11 to support them in becoming more familiar with and skilled at exam papers. We enter all levels of the UKMT Maths challenges and often have students progressing to follow-on rounds. We also take part in the Hertfordshire Maths Team Challenge each year. Our Sixth Form students support our younger learners, either in class, similar to a teaching assistant, or a part of 1-1 booster sessions which take place during registration once a week.



Teacher of Mathematics

Start date: September 2025

Full-time/Part-time MPS/UPS

Presdales School is a single sex comprehensive school in Ware for girls aged 11-18, with boys welcomed into the Sixth Form. We are a school which values all students, irrespective of their age and ability and helps them to exceed expectations through high quality teaching and learning and the opportunity to take part in a wide variety of activities which will enrich their educational and personal development beyond the classroom.

We provide a caring environment where all students are supported, as well as challenged, to ensure that there is no limit to their potential. We prepare our students for a world that is constantly changing by encouraging them to be independent learners who are determined, confident and who never give up.

Alongside academic excellence there is a strong focus on enjoyment, excellent behaviour and respect for all.

The school is committed to safeguarding and promoting the welfare of young people and expects staff to share this commitment. All posts are subject to a safer recruitment process which includes enhanced criminal records and barring checks, scrutiny of employment history, referencing and other vetting checks, including online searches.

Closing date for applications:

9.00am, Monday 24 March 2025

We expect to interview:

TBA

Please submit:

- A letter of application, no more than two sides of A4, outlining how you meet the person specification
- A completed application form (available on the school website)

Presdales School is committed to ensuring inclusion, diversity and equality of opportunity. We welcome applications from all suitable candidates and encourage those from underrepresented groups, and/ or with protected characteristics, to apply.

You can post your application to the school, or send by email to:

recruitment@presdales.herts.sch.uk

Please note that CVs will not be accepted. Prospective applicants are welcome to visit the school prior to the application process. Please contact the Head's PA at the above email address if you wish to arrange a visit.





Person Specification

Teacher of Mathematics

We are looking for a candidate who is able to demonstrate the following essential or desirable requirements.

Qualifications

A good honours degree

Qualified teacher (QTS)/PGCE

A commitment to on-going professional development with evidence of further study or professional training

Knowledge and Experience

Enthusiasm and passion for teaching

Excellent classroom practitioner

Knowledge of current educational developments in subject and implications

Good understanding of how students learn and how to engage all levels of learner

Good understanding of how to use assessment to raise standards of achievement

Good subject knowledge

Skills and Abilities

Able to communicate well, both in writing and orally

Excellent organisational skills

Good ICT skills and be able to use them in own teaching

Able to manage time effectively and work to deadlines

Ability to develop good personal relationships with students, staff and parents

Personal Qualities

Committed to safeguarding and promoting the welfare of young people

Excellent record of attendance and punctuality

Ability to work well within a team

Enthusiastic

Ability to work under pressure and meet deadlines

The ability to motivate others

Positive attitude

Self-motivated and hardworking

Creative



Job Description

Teacher of Mathematics

Vision and Purpose

- To teach across the age and ability range, as and when experience allows, and to provide a learning environment that enables all students to make progress regardless of their starting points
- To share the responsibility of all staff to ensure that our students are challenged, encouraged, nurtured and developed as all-round young people

Main Responsibilities

- Teach across the full range of age and abilities, as and when experience allows
- Committed to safeguarding and promoting the welfare of young people
- Monitor and evaluate the progress of students in your classes in line with school policies, and lead on actions within your classes to address underachievement
- Plan and deliver lessons that are in line with the department's curriculum
- To maintain good order and discipline in line with the school's behaviour policy
- Actively engage in the performance management process
- Communicate effectively both orally and in writing with students, staff, parents and governors
- Have a commitment to your own continued professional development
- Keep up to date with your subject knowledge
- Attend all relevant meetings as required in order to fulfil your role and responsibilities
- Lead and participate in extracurricular activities
- Be a form tutor as required
- Take responsibility to complete all safety checks, e.g. online training, when directed
- Ensure that all students have equality of opportunity
- Promote the school's ethos and culture within the department and wider community
- To comply with the school's Health and Safety policy

Whilst this job description is current, and every effort has been made to explain the main duties and responsibilities of the post, each individual task may not have been identified. Employees will be expected to comply, following consultation, with any reasonable request from the Headteacher to carry out tasks and duties that are of a similar level, but not specified in the job description.

recruitment@presdales.herts.sch.uk