

# Maths at Church Stretton School

## *Departmental overview for applicants*

Mathematics is a core subject at Church Stretton School, with a clear focus on developing fluency, reasoning, and problem-solving. The department is committed to ensuring that all students build secure mathematical understanding, alongside the confidence to apply their knowledge in a range of contexts.

The curriculum balances conceptual understanding with procedural fluency, enabling students to think mathematically, make connections and tackle unfamiliar problems with increasing independence.

## **Curriculum approach**

Mathematics at Church Stretton School is structured as a coherent and carefully sequenced curriculum. Across Key Stages 3 and 4, students develop their understanding through a blend of direct instruction, guided practice, and problem-solving.

At Key Stage 3, the curriculum is organised into clearly defined strands: number, algebra, ratio, geometry, and statistics. These are revisited and developed over time, allowing students to build depth of understanding and make connections across topics.

There is a clear progression from foundational concepts in Year 7, through increasing abstraction in Year 8, to more complex applications and multi-step problem-solving in Year 9. For example, students move from arithmetic and algebraic expressions in Year 7, to solving equations and working with ratio in Year 8, before applying these in graphical, algebraic, and real-world contexts in Year 9.

At Key Stage 4, students follow the Edexcel GCSE Mathematics course, with GCSE Statistics offered where appropriate.

## **Current curriculum offer**

- Key Stage 3: A sequenced curriculum across number, algebra, ratio, geometry, and statistics
- Key Stage 4: GCSE Mathematics (Edexcel)
- GCSE Statistics offered where appropriate

The curriculum is designed to build secure foundations while preparing students effectively for GCSE and further study.

## Facilities and resources

The mathematics department is well resourced, supporting high-quality teaching and learning. Facilities include:

- Dedicated mathematics classrooms
- Interactive teaching technology in all rooms
- Access to online platforms to support practice, retrieval, and assessment
- A bank of shared departmental resources and schemes of learning

These resources support consistency while allowing teachers flexibility in delivery.

## Professional culture

The department operates within a collaborative and reflective professional culture. Staff are supported through coaching, shared planning, and professional dialogue, and are encouraged to refine their practice and contribute to curriculum development.

There is a strong emphasis on consistency, clarity, and evidence-informed teaching, alongside a shared commitment to securing strong outcomes for all students.

## Looking ahead

Mathematics at Church Stretton School continues to evolve through ongoing curriculum refinement and a focus on improving student outcomes.

There is scope to further develop approaches to problem-solving, curriculum sequencing and assessment, and we welcome teachers who are committed to high expectations and keen to contribute to the continued development of the department.