

Maths Department



Stowupland High School

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Headteacher:
Mr P Whear

Chair of Governors:
Mrs K Hudson



Stowupland Maths department occupies a suite of seven Maths teaching rooms, all of which are fitted with either a LED interactive board or a Smart board. Our large team room provides a workspace and a location for Maths staff to meet and share thoughts and ideas. The Maths team comprises seven teachers and a specialist HLTA, with a range of experiences, expertise and roles within the school. We are keen to develop our pedagogy further by attending national Maths conferences, participating in local area development groups and sharing ideas and resources.

At Key Stage 3, students build on the skills developed throughout primary school to prepare them for the GCSE syllabus. The curriculum prioritises building 'firm foundations' – securing the core aspects of Key Stage 3 Maths early on, and developing students' mathematical confidence – rather than racing through content. We firmly believe that those who are fluent and flexible with the core skills and concepts, will have greater success at GCSE, and beyond, by experiencing more depth within topics.

We begin the GCSE Mathematics course in Year 10, and follow the Edexcel specification. Throughout the course, students are challenged and supported to deepen their understanding of a wide range of mathematical skills. Mathematics is diverse, engaging and essential in equipping students with the right skills to reach their future destination, whatever that may be. We encourage students to build a secure framework of mathematical reasoning, which they can use and apply with confidence.

Some students also study the Level 2 Further Maths and GCSE Statistics courses. Classes run after school and students work in their own time, under guidance from their Maths teacher.

At Key Stage 5, students can take A-level Maths and A-level Further Maths. We teach the Edexcel specification. We challenge students to develop their independent learning skills and encourage their mathematical curiosity. We encourage them to question what they are learning and discuss real-world applications of Mathematics, guiding them to understand the relevance of advanced mathematical concepts in the real-world. They are also actively encouraged to participate in events and competitions.

Across all Key Stages, we seek to engage students in their Maths education, relating the content of lessons to real life situations and demonstrating how Maths can be applied in a wide range of careers.



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Stowupland safeguards and promotes the welfare of students and requires all staff and visitors to share this commitment.