Weatherhead High School
Mathematics Department

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The Mathematics Department is staffed by a hardworking and committed team of 11 teachers. Students enjoy learning Mathematics and a significant number of students continue to study at Advanced Level. Many students go on to study Mathematics and STEM courses at university.

The Mathematics Department is constantly striving to raise attainment through curriculum development, focusing on teaching and learning strategies, sharing good practice and continued evaluation of all aspects of departmental work. Our aim is for all students to realise their true potential in Mathematics through the teaching of engaging lessons and an exciting extensive extracurricular provision. Weatherhead has an outward-looking Maths department with strong links to the Cheshire and Wirral Maths Hub. We use these partnerships to continually improve the quality of teaching and learning by engaging with the latest research in mathematical education, including teaching for mastery.

Across Key Stage 3 and Key Stage 4, students follow the White Rose Maths curriculum, which aligns with our focus on depth of understanding, reasoning, and problem solving. This mastery-based approach benefits students by breaking learning down into manageable small steps, allowing them to build secure conceptual fluency over a cohesive five-year progression. This continuous framework fully supports our Key Stage 4 students as they study the AQA specification for GCSE. Our results are broadly in line with national standards, although we are very ambitious for our students. At Key Stage 5, we have cohorts of students in Year 12 and Year 13 taking A Level Mathematics and we follow the Edexcel specification.

Outside of lessons, our students enjoy enriching their knowledge through a vibrant extracurricular offer. Students can join our Chess Club, which allows them to compete in regional events, or participate in Maths Circles (supported by Axiom Maths) to further stretch their problem-solving skills. We actively encourage and celebrate numeracy through TT Rockstars competitions, and we run exciting school-wide events to celebrate Number Day and Pi Day.

The facilities in school are exceptional and we benefit from an excellent range of resources to support and enrich teaching and learning. The Mathematics Department is housed in a dedicated area with 12 classrooms and a staff work space. Each classroom has an interactive touch screen, a visualiser and manipulatives.

For more information on the department and curriculum please visit our webpage: https://weatherheadhigh.co.uk/project/mathematics/