

The Mathematics Team



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Mathematics
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Khurram Malik
Mathematics
teacher



Minsi Lu
Mathematics
teacher
(maternity leave)



Mark Hamilton
Mathematics
teacher
(trainee)



Mathematics' Facilities and Resources

- We have visualisers within the department to live model methods and explanations to the students, helping with their comprehension
- Online subscriptions to Hegarty Maths, MathsWatch, PiXL Maths and Method Maths to provide tailored individual support and work to support students in their own homes

The Mathematics Curriculum

- In Key Stage 3 (years 7-8) students cover the White Rose Maths mastery curriculum. This builds both breadth and depth of understanding of key mathematical concepts over two years, preparing students for the start of the Edexcel GCSE in years 9 to 11
 - <https://whiterosemaths.com/resources/secondary-resources/secondary-sols/>
- Throughout a student's time at The Misbourne, we develop an understanding and appreciation for the key areas of mathematics, with an approach that encourages students to think about the deeper connections within mathematics whilst continually practicing skills.
- Students are normally set by ability for mathematics, with regular assessments giving us the ability to adjust these where necessary so all students have the right level of challenge and support

Mathematics' Extra-Curricular Provision

- Each year we enter students into the national UK Mathematics Trust maths challenge, with students who do particularly well having the opportunity to go on to regional and even national competitions
- This year we are starting a Maths Challenge after-school club to extend our higher ability Key Stage 3 students and prepare them for the UKMT maths challenge
- Once Covid-19 restrictions subside, we are planning to run an annual trip to Bletchley Park to look at the mathematics of coding and to learn about the Enigma machine that Alan Turing, the eponym of one of our small schools, helped to design.