

Mathematics Department

About Us

The Mathematics Department ethos is driven by ensuring that students are fully prepared for the future, giving life opportunities through Maths qualifications.

We support students with developing their understanding and reasoning as well as their ability to think logically and solve problems.

Problem solving and reasoning are critical skills for students to take into any future studies and careers.

Our Lessons

We employ the Trust structured model of:
Connect, I do, We do, You do and Independent Learning Zone.
Staff regularly use mini whiteboard activities to allow for regular assessment of all and speedy intervention and support where needed.

Areas For Development

To inspire resilience and confidence.

To ensure students are best qualified for their future journeys.

To promote lifelong problem solving.

Our Ambitious and Inspiring Curriculum for All

The curriculum has been designed as a 5 year programme, starting with foundation skills in Year 7, and then builds and develops as students progress.

The cycle of learning each year in Mathematics includes ten overarching topic areas: Geometry, Algebra, Fractions Decimals & Percentages, Sequences, Number, Statistics, Ratio, Measures, Graphs and Transformations.

Mathematics Department

Our curriculum intent

To develop understanding, reasoning, thinking logically and problem solving, so that learners are fully prepared for the future.

Curriculum Enrichment

We offer many enrichment opportunities such as:

- MathsFeast
- UKMT challenges
- MathsHub links
- Further Maths Qualifications
- External Visits/School Visits
- Mathematical Speakers

Marking and feedback

Regular use of adaptive teaching methods that allow for speedy assessment, support and intervention as necessary.
Teachers regularly circulate and spend time assessing student work in lesson.

There are regular assessment points in each year group, throughout the year, that allows students to receive targeted feedback.

Intervention

Intervention is in place for all year groups, that is identified through teacher feedback and assessment data.

Quality assurance

Learning walks and book looks take place on a regular basis. Leaders take into account student voice to support the QA process.

Staff then respond to improve their own practice.

Home learning

Homework is set on Sparx

Go to <https://sparxmaths.com/>

Make sure your child signs into their school google account to access Sparx. They do not have a separate login for Sparx.