

Maths department

About us

The department ethos is driven by ensuring that students are fully prepared for the future.

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 that is cyclical and returns to consolidate and develop on topics each year.

It is intended that AO1, AO2 and AO3 is embedded within all year groups with an emphasis on mastering previous knowledge, skills and understanding and developing these into new avenues within the same topic areas each year. 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.

Maths 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
Themed activities throughout the year*

Marking and feedback

*Regular use of mini whiteboards allows for speedy assessment, support and intervention where necessary.
Teachers regularly circulate and spend time assessing the You Do and ILZ tasks in lesson.
There are 10 unit assessments across the course of the year.
In addition there are 2 key assessment points in each year group from Y7-10.*

Intervention

Y11 students access intervention support during morning tutor time and Period 6 sessions.

Quality assurance

Regular learning walks and book looks take place weekly. Student voice is undertaken regularly as well.

Staff review and reflect on each unit studied which then leads to any necessary adaptations and amendments.

Home learning

Homework is set on mathswatch.

Go to www.vle.mathswatch.co.uk

Select the “Wonde” login option and follow the instructions.

All students can access login details from their teachers