Results of the department from 2024/25

Key Stage 3 Levels

	Year 7 At or above expected target	Year 8 At or above expected target	Year 9 At or above expected target
Ursuline	92%	91%	91%

Key Stage 4 – GCSE Mathematics

	9-7	9-5	9-4
Ursuline	31%	67%	87%

Key Stage 5 – A-Level Mathematics

	A*-A	A*-B	A*-C
Ursuline	41%	78%	84%

Ursuline High School
WIMBLEDON
SERVIAM

MATHEMATICS

Head of Department

Ms Aberdeen
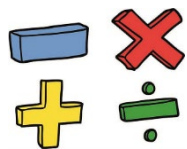
Why study Mathematics?

Maths is a universal language that helps us to solve problems, look for patterns and find order through logical, systematic thinking. It helps us make sense of our world and how we can make a difference in it.

How is Maths taught at Ursuline High School?

In order to study Maths we explore and discuss new concepts, impart knowledge, model new skills, develop fluency in those skills, and then apply and adapt the skills for different situations.

The curriculum is delivered to all students from Year 7 to Year 9 via four 50-minute lessons per week. This increases to five lessons per week in Year 10.

In Year 7 the students are grouped using KS2 data in two bands each with four classes. Our KS3 classes are named after famous female mathematicians. In Years 10 - 11 students all have Mathematics lessons at the same time and are streamed according to their aspirational GCSE target.

Homework is set twice a week in Year 7 and will either be set from One Note, printed worksheets or online homework through facilities such as Mathswatch.
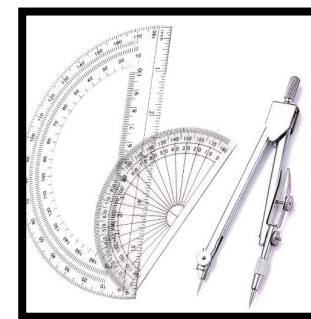
There is additional tuition for some students through a dedicated team of SEN department members who specialise in maths.

Every year we enter our higher achieving students into the UK Maths Challenge, a national competition where students often excel. Further Maths GCSE is also studied alongside the Maths GCSE from Year 10 for the highest attaining pupils.

How can I help my daughter if she gets stuck with homework?

- Often the homework will be based on work done in class and your daughter will have examples from schoolwork in her book.
- Encourage your daughter to make time before the deadline to seek help from her teacher.

What will my daughter study in Year 7?

During the course of the year, your daughter will begin her studies of the main strands in Mathematics. These strands will be developed right though until the end of Year 11. Examples of topics covered for each of these strands in Year 7 include:

- Number – Fractions and Decimals, Prime numbers
- Algebra – Equations, functions and formulae, Sequences, Graphs
- Ratio and Proportion
- Geometry and Measures – Angles, Shapes, Perimeter, Area, Volume
- Statistics – Pie Charts, Averages, Two-way tables