



Ursuline
High School
WIMBLEDON

URSULINE HIGH SCHOOL

MATHS AND COMPUTING FACULTY

GENERAL INFORMATION

The maths and computing faculty is a thriving and dynamic team that has enjoyed continued success with almost 30% of pupils achieving 7+ in 2023 and almost 70% of pupils achieving 5+. The majority of students are entered on to the higher tier GCSE (Edexcel) and many go on to study maths and further maths in our Sixth Form. We currently have over 40 students studying maths and further maths in KS5. The department contains ten fantastic maths specialist staff who are committed to teaching for mastery across the key stages, set challenging targets for themselves and their students, and are relentless in their pursuit of excellence and outstanding outcomes for all their pupils. Each key stage has a co-ordinator who works with the Head of Maths to ensure a high quality of provision for our students.

As a department we are committed to embedding the principles of mastery in all maths teaching, to sustained CPD with regards to subject knowledge and pedagogy across all three key stages, and to improve our value-added measures at KS4 and KS5. Our challenging curriculum considers the learning journey of students from Year 7 to 11, focusing on the key strands of Number, Algebra, Ratio & Proportion, Geometry and Measure, Probability & Statistics that are developed and deepened as they progress through the school. In Key Stage 3, classes are named after famous female mathematicians and most students follow the same challenging curriculum.

The faculty is accommodated in its own block containing 8 mathematics rooms and a maths office. Each classroom has both laptop docking stations and whiteboards, and the department uses a variety of software to engage learners. It is a very well-resourced faculty, all staff are issued with their own laptop, and all students are issued with a laptop to use for lessons and homework.

There is excellent teamwork with highly experienced staff able to offer support and professional development to new staff.

The computing department currently has 2 specialist teachers who help to deliver a wide-ranging computing curriculum, ably supported by the maths team.

At KS5, we are proud to deliver the Digital Production, Design and Development T Level. This is taught in our purpose-built suite of computing rooms.

Key Stage 3 are taught in mixed ability form groups in Years 7 to 9. All the resources are available on MS Teams, our virtual learning environment. Students have one 50 minute lesson per week in Year 7 to Year 9.

At Key Stage 4 GCSE Computer Science (OCR) is an optional subject. At Key Stage 5 some students complete Level 2 iMedia prior to enrolling on the Digital T Level course.