

Mathematics

At Synergy, we place value on ensuring the basics are in the best condition possible. In Math, this means that we focus on core skills taking our students through a 'back to basics' workshop to secure and refine baseline knowledge.

We focus on **place value, number bonds, addition, subtraction, multiplication and division**, explicit teaching of mental arithmetic, times tables, written algorithms consolidated with lots and lots of practice.

Mathematics is taught in English and fully supported for all English Second Language users. We also use online programmes to support and aid learning.

Topics studied include

Numbers
Algebra
Handling Data

Shape, Space and Measures
Mental Arithmetic
Problem Solving

Our Ethos

Due to the nature of our school we are able to cater for the very individual needs of our students. They can work at a pace that suits them and in the knowledge that they are making progress. We record progress daily, give feedback on targets daily and our online learning system also gives immediate feedback. Students' progress through units of work according to their own abilities. Class sizes of 8 or less ensure that learning is challenging, relevant, progressive and most of all fully supported. With all students able to receive individual attention each and every lesson. The modules fully prepare students for the challenges at both **IGCSE and A-Level**.

Students receive immediate feedback on all tasks and it is our belief the immediacy of this information works as a tool for encouragement, focus and progress supporting each individual student's learning journey.