Carshalton Boys A level

Maths in Context

The Level 3 Certificate in Mathematics in Context (Core Maths) helps students consolidate and build on the mathematical understanding gained at GCSE, developing further skills in applying mathematics to authentic, real-life problems. It builds confidence in representing and analysing genuine situations mathematically, and in using mathematical thinking, reasoning and communication to address related questions and issues.

The course also supports the mathematical content needed for other Level 3 qualifications, such as A Level Biology, Business Studies, Economics, Computing, Geography and Psychology, and BTEC courses in Applied Science, Business, Health and Social Care, and IT.

Students are prepared for the range of contexts they are likely to encounter in vocational and academic study and future employment. This gives them confidence that their mathematical skills are as strong as those developed in the highest-performing education systems in the world.

These skills are used directly in everyday and working life, such as interpreting statistics in the news, understanding risk and probability, managing personal finance and budgeting, and using spreadsheets and data to make informed decisions.

'Core Maths keeps my number skills sharp alongside my other subjects and shows me how maths is used in the real world.'

ASSESSMENT and CONTENT

Pearson Edexcel Level 3 Certificate in Mathematics in Context (7MC0)

Year 12:
Content covered: applications of statistics, probability, linear programming and sequences and growth.
No examinations are sat at the end of Year 12.

Year 13:
Paper 1: Comprehension (7MC0/01) – 40% of the qualification
Paper 2: Applications (7MC0/02) – 60% of the qualification
Assessment is by two examinations at the end of Year 13.

The course requirements:

A Grade 5 in GCSE Mathematics and a Grade 5 in English Language is required to take this course.