

# Level 3

## Core Maths (Mathematical Skills)

### at The Warriner School



#### **Core Mathematics Level 3**

**Entry requirements: GCSE Mathematics at grade 4 or above.**

**Exam board: AQA**

#### **What is Core Maths?**

Core Maths is a new Level 3 course for students who achieve a Grade 4 pass or above at GCSE Maths. The qualification is designed to prepare students for the mathematical demands of work, study and life.

The course has been developed with employers, universities and professional bodies as valuable preparation for higher education and employment.

#### **What is involved?**

Core Maths has been designed to maintain and develop real-life maths skills, and to support the higher mathematical demand of other A Level subjects, in particular the Sciences, Geography, Business Studies, Psychology and Economics. What you study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and most courses will include a financial maths element.

In Year 12, students follow a bespoke pathway dependent on the mathematical requirements of their other subjects. This includes much of the curriculum content for the Core Maths qualification and some Mathematics outside of the Core Maths specification where it is known to support other subjects. Then in Year 13, the remainder of the syllabus is taught, and examined at the same time as students' A-Level exams in the summer.

The skills developed in the study of mathematics are increasingly important in the workplace and in higher education; studying Core Maths will help you keep up these essential skills. Most students who study Maths after GCSE improve their career choices and increase their earning potential.

#### **Why Study Core Maths?**

The Higher Education STEM project, investigating the mathematical and statistical requirements in undergraduate disciplines, reported that many students arrive at university with unrealistic expectations of the mathematical and statistical demands of their subjects which leads to a lack of confidence and anxiety from the students.

This course has been introduced to address these issues and, importantly, carries the same points as an AS Level towards your UCAS application.

#### **Where will Core Maths take me?**

Core Maths is a new course but already several universities have come out in strong support of it. Even subjects like History now recognise the importance of statistics and so a Core Maths qualification will help you hit the ground running at university.

Employers from all different sectors are also firmly behind the Core Maths qualification. Many roles in today's workplace require high levels of budget management and problem-solving skills; Core Maths will be a useful tool in equipping you with these skills.