THE THOMAS AVELING SCHOOL

## (Level 3 Extended Certificate)

## Exam board: AQA 2022 Cohort only

The Level 3 Extended Certificate in Applied Science allows students the opportunity to further pursue their interests and develop their ability and understanding in Science further in Years 12 & 13. This course will allow students the opportunity to move into future career pathways, including Forensic Science, Ministry of Defence, Sports Science and Animal Management. The course is a mixture of portfolio research work and external examinations.

## Year 13

Unit 4 The Human Body (Written exam)
Unit 5 Investigating Science (Portfolio)
Unit 6 Microbiology (Portfolio) This whole section can be deleted

## Exam Board: Edexcel

**Entry Requirements: Double grade 4 or above in Science and grade 4 or above in Mathematics**

The qualification carries UCAS points and is recognised by higher education providers as contributing to meeting admission requirements for many relevant courses, if taken alongside other Level 3 qualifications as part of a programme of learning.

Learners will be able to choose a wide range of degree programmes to progress to, depending on the other qualifications they have taken.

For example, taken alongside:

- A' Levels in Geography and Economics, and an AS Level in Mathematics to progress to geography courses
- A' Levels in Business, Mathematics and Economics, or Psychology to progress to business or economics courses
- A' Level in Biology and a BTEC Level 3 National Foundation Diploma in Sport and Exercise Science to progress to sport science courses.

This qualification contains externally assessed and internally assessed units.

Students will learn about the application of experimental techniques and Science in the modern world:

- Scientific principles associated with Biology, Chemistry and Physics
- Experimental and practical techniques associated with applied science
- The roles and skills of scientists
- The public and media perception of science
- How the human body works
- Scientific investigations.