



## **GCSE Triple Science**

**Examination Board: AQA**  
**Course Specification: 8461, 8462 and 8463**

### **What is GCSE Triple Science all about?**

GCSE Triple Science builds on the science covered in KS3 to give students a sound foundation in scientific concepts, and then provides further study which helps bridge the gap to A-level. Students must take GCSE Triple Science if they opt not to do GCSE Combined Science. Triple science is suited to students with a keen interest in Science, working at a Level 6 or higher at the end of Key Stage 3.

### **Course Structure:**

Triple Science will be taught 15 hours per fortnight.

Candidates will be studying for three GCSEs, one in each of the three science disciplines.

#### Year 10

Candidates will study 3 units: Biology 1, Chemistry 1, and Physics 1.

#### Year 11

Candidates will study 3 units: Biology 2, Chemistry 2, and Physics 2.

### **How will I be assessed?**

All formal exams will take place at the end of Year 11. Each GCSE in Science will have two papers, each are 1 hour 45 min in length. Practical skills will be assessed in the external examinations. The new GCSE grading system will be used where students will be awarded a number grade from 9 to 1 for each of the three GCSE Sciences.

### **Exam structure:**

- Biology paper 1: Cell Biology; Organisation; Infection and response; and Bioenergetics.
- Biology paper 2: Homeostasis and response; Inheritance, variation and evolution and Ecology.
- Chemistry paper 1: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes and Energy changes.
- Chemistry paper 2: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere and using resources
- Physics paper 1: Energy; Electricity; Particle model of matter; Atomic structure
- Physics paper 2: Forces; Waves; Magnetism and electromagnetism

### **What could I do next with GCSE Triple Science?**

The content of the triple award science is largely the same as combined science. It does however go into more detail for each topic, and as a result supports students who are seriously considering A-level sciences in the future.