

Science

Award: Combined Science (equivalent to 2 GCSEs)

Board: AQA

Structure of the Examination

There are 6 written exam papers all of which take place in the summer of year 11. Each exam is 1 hour 15 minutes in duration:

Biology paper 1: covering units 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

Biology paper 2: covering units 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

Chemistry paper 1: covering units 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

Chemistry paper 2: covering units 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.

Physics paper 1: covering units 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

Physics paper 2: covering units 22–24: Forces; Waves; and Magnetism and electromagnetism

Required practicals form part of normal science lessons throughout year 9,10 and 11 and are examined as part of the written exam papers.

Assessment Methods

Students are assessed throughout the course by written assessment at the end of each unit. These do not form part of the final GCSE grade but are used to monitor progress and ensure students are entered for the correct tier in the final examinations (see 'other information')