

GCSE Double Science Outline

Paper 1 & 4: Biology 8464/B/1 and 8464/B/2

Assessment:

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

Duration: Each paper = 1 hour and 15 minutes

Overview:

Paper 1 covers topics B1-B4, looking at the basics of Biological life. Paper 2 covers topics B5-B7, taking a more in depth look at how living organisms and systems function.

Both papers contain multiple choice, short answer and long answer questions.

Weighting:

Each paper = 70 marks, 16.7% of the qualification. 10% of the marks for Biology are 'Maths Marks'

Paper 2 & 5: Chemistry 8464/C/1 and 8464/C/2

Assessment:

Chemistry topics 8–12: Atomic structure; Bonding and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

Chemistry topics 13–17: The rate and extent of chemical change; Chemical analysis; Chemistry of the atmosphere; and Using resources.

Duration: Each paper = 1 hour and 15 minutes

Overview:

Paper 1 covers topics C8 - C12, looking at basic chemistry and structure. Paper 2 covers C13-C17, looking at chemical analysis and Earth chemistry.

Both papers contain multiple choice, short answer and long answer questions

Weighting:

Each paper = 70 marks, 16.7% of the qualification. 20% of the marks for Chemistry are 'Maths Marks'

Paper 3 & 6: Physics 8464/P/1 and 8464/P/2

Assessment:

Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism

Duration: Each paper = 1 hour and 15 minutes

Overview:

Paper 1 covers topics P18 - P21, looking at fundamental topics such as Electricity, Radiation and Energy. Paper 2 covers P22-P24, looking at Waves, Forces and motion and describing how systems work.

Both papers contain multiple choice, short answer and long answer questions

Weighting:

Each paper = 70 marks, 16.7% of the qualification. 30% of the marks for Physics are 'Maths Marks'

