AQA Combined Science: Trilogy

Students will sit Biology Paper 1 for their October pre-mocks. All the Combined Science papers are 1 hour 15 minutes long (without extra time) and are out of 70 marks.

Topics to Revise - Foundation	Topics to Revise - Higher
• Cell structures and functions.	• Communicable and non-communicable diseases
• The human digestive system. • The required practical on investigating the effect of pH on amylase.	• How to use a light microscope
• Plants and photosynthesis.	• The human circulatory system • The adaptations and functions of different blood vessels.
• The structure of the human heart • The adaptations and functions of different blood vessels.	• Plants and photosynthesis
• The human breathing system • Gas exchange	• Testing for starch – application of knowledge to an unfamiliar context • The required practical on investigating the effect of pH on amylase.
• Communicable and non-communicable diseases	• Antibiotics and antibiotic resistance
• How to use a light microscope	

Helpful Websites

freesciencelessons

AQA Questions matter

SENECA

Biology

Biology Paper 1
What's assessed Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.

Biology Paper 2
What's assessed Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.

Chemistry

Chemistry Paper 1
What's assessed Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.

Chemistry Paper 2
What's assessed Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources. Questions in Paper 2 may draw on fundamental concepts and principles from Sections 5.1 to 5.3.
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.

Physics

Physics Paper 1
What's assessed Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.

Physics Paper 2
What's assessed Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism
How it's assessed • Written exam: 1 hour 15 minutes • Foundation and Higher Tier • 70 marks • 16.7% of GCSE
Questions Multiple choice, structured, closed short answer, and open response.