



AQA GCSE Biology Foundation Tier

Information

- The format/structure of the papers remains unchanged.
- This advance information covers all examined components.
- For each paper the list shows the major focus of the content of the exam.
 - Each paper may cover some, or all, of the content in the listed topic.
- Another list shows which required practical activities will be assessed.
- Topics not assessed either directly or through 'linked' content have also been listed.
- The information is presented in specification order and not in question order.
- Assessment of practical skills, maths skills, and Working Scientifically skills will occur throughout all the papers
- Topics not explicitly given in any list may appear in low tariff questions or via 'linked' questions. Linked questions are those that bring together knowledge, skills and understanding from across the specification.
- Students will still be expected to apply their knowledge to unfamiliar contexts.

Paper 1F 8461/1F (Exam date May 17th)

For this paper, the following list shows the major focus of the content of the exam:

- 4.1.1 Cell structure
- 4.1.3 Transport in cells
- 4.2.2 Animal tissues, organs and organ systems
- 4.3.1 Communicable diseases
- 4.4.1 Photosynthesis

Required practical activities that will be assessed:

- Required practical activity 1: how a light microscope is used to observe plant cells.
- Required practical activity 3: investigate the effect of a range of concentrations of salt solution on the mass of plant tissue.
- Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins.
- Required practical activity 6: investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed.

Topics not assessed in this paper:

- 4.1.1.4 Cell differentiation
- 4.2.2.3 Blood
- 4.3.1.5 Protist diseases
- 4.4.2.1 Aerobic and anaerobic respiration
- 4.2.1 Principles of organisation
- 4.2.2.7 Cancer
- 4.4.1.3 Uses of glucose from photosynthesis
- 4.4.2.2 Response to exercise



- 4.4.2.3 Metabolism

Paper 2F 8461/2F (Exam date 15th June)

For this paper, the following list shows the major focus of the content of the exam:

- 4.5.2 The human nervous system
- 4.5.3 Hormonal control in humans
- 4.5.4 Plant hormones
- 4.6.1 Reproduction
- 4.6.3 The development of understanding of genetics and evolution

Required practical activities that will be assessed:

- Required practical activity 7: carry out an investigation into human reaction times.
- Required practical activity 8: investigate the effect of light on the growth of newly germinated seedlings.
- Required practical activity 9: measure the population size of a common species in a habitat.

Topics not assessed in this paper:

- 4.5.2.2 The brain
- 4.5.2.3 The eye
- 4.5.3.3 Maintaining water and nitrogen balance in the body
- 4.6.1.3 Advantages and disadvantages of sexual and asexual reproduction
- 4.6.1.5 DNA structure
- 4.6.1.8 Sex determination
- 4.6.2 Variation and evolution
- 4.6.3.1 Theory of evolution
- 4.6.3.2 Speciation
- 4.6.3.3 The understanding of genetics
- 4.6.3.7 Resistant bacteria
- 4.7.1.4 Adaptations
- 4.7.2.2 How materials are cycled
- 4.7.2.3 Decomposition
- 4.7.3.1 Biodiversity
- 4.7.3.3 Land use
- 4.7.3.4 Deforestation
- 4.7.3.5 Global warming
- 4.7.3.6 Maintaining biodiversity
- 4.7.4 Trophic levels in an ecosystem
- 4.7.5 Food production

The 2nd assessment (mock) will be based on the paper 2 content above

A revision resource produced for the final assessments can be found here: [GCSE Biology Revision HUB \(padlet.com\)](https://www.padlet.com)

This has been shared with the students via SMHW