

Year 11 Biology (Combined Science) Mock 2

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| Year Group: | 11 |
| Subject: | Biology (Combined Science) |
| Tier (if applicable): | Higher and Foundation |

Details of mock exam

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| Paper to be sat: | 1hour 15 minute exam covering AQA GCSE Combined Science: Trilogy Biology paper 2 |
| Topics to be covered in the mock. For more detail see the topic lists below for Higher and Foundation Tier. | Homeostasis and response (topic 5) Inheritance, variation and evolution (topic 6) Ecology (topic 7) |

Materials to support your revision

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| Link to Online Resources: | <p>https://senecalearning.com/en-GB/</p> <p>www.kerboodle.com - This website has a digital copy of the textbook and a large selection of other resources.</p> <p>Go to:</p> <ul style="list-style-type: none"> ➤ AQA GCSE Sciences (9-1) ➤ Digital Book ➤ AQA Biology for GCSE Combined Science: Trilogy ➤ Chapters: B10-B17 <p>AQA assessment resources: https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources</p> <p>Memrise paper 2 revision: https://www.memrise.com/course/1846312/aqa-gcse-9-1-biology-paper-2/</p> <p>Free science lessons revision videos: https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw</p> <p>Physics & Maths Tutor (yes it does biology too!) https://www.physicsandmathstutor.com/biology-revision/gcse-aqa/</p> |
| Recommended revision guides: | <p>Collins AQA GCSE Biology: All-in-One Revision and Practice (sold to students in year 10 and now available for purchase from the LRC at a cost of £4). Sections on:</p> <ul style="list-style-type: none"> - Homeostasis and response (topic 5) - Inheritance, variation and evolution (topic 6) - Ecology (topic 7) <p>Or, Collins AQA GCSE Combined Science Trilogy: All-in-One Revision and Practice (sold to students in year 10 and now available for purchase from the LRC at a cost of £9). Sections on:</p> <ul style="list-style-type: none"> - Homeostasis and response (topic 5) - Inheritance, variation and evolution (topic 6) - Ecology (topic 7) |

GCSE Combined Science *Foundation*: Biology revision – February 2022 mock topic list.

Below are the main themes of the Paper 2 exam that you will sit. Please use the AQA GCSE Combined Science specification to help you with the detail needed for each section:

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/changes-for-2022>

| Topic | Specification Point | Theme |
|--------------------------------------|---------------------|--|
| 5 Homeostasis | 4.5.2 | The Human Nervous System |
| | 4.5.3.1 | Human Endocrine System |
| | 4.5.3.2 | Control of Blood Glucose Concentration |
| | 4.5.3.4 | Contraception |
| 6 Inheritance, Variation & Evolution | 4.6.1.3 | DNA & The Genome |
| | 4.6.1.4 | Inherited Disorders |
| 7 Ecology | 4.7.1.3 & 4.7.1.4 | Biotic Factors & Adaptations |
| | 4.7.2.1 | Levels of Organisation |
| | 4.7.3.3 | Land Use |
| | 4.7.3.5 | Global Warming |
| | 4.7.3.6 | Maintaining Biodiversity |

GCSE Combined Science *Higher*: Biology revision – February 2022 mock topic list.

Below are the main themes of the Paper 2 exam that you will sit. Please use the AQA GCSE Combined Science specification to help you with the detail needed for each section:

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/changes-for-2022>

| Topic | Specification Point | Theme |
|--------------------------------------|---------------------|--|
| 5 Homeostasis | 4.5.2 | The Human Nervous System |
| | 4.5.3.1 | Human Endocrine System |
| | 4.5.3.2 | Control of Blood Glucose Concentration |
| | 4.5.3.4 | Contraception |
| 6 Inheritance, Variation & Evolution | 4.6.1.4 | Genetic Inheritance |
| | 4.6.1.5 | Inherited Disorders |
| 7 Ecology | 4.7.3.3 | Land Use |
| | 4.7.3.6 | Maintaining Biodiversity |