

## AQA Combined Science: Biology Paper 1 Foundation

All the Combined Science papers are 1 hour 15 minutes long (without extra time) and are out of 70 marks.

### Topics to Revise - Foundation

#### Q1 – Eukaryotic and prokaryotic cells

- [GCSE Biology Revision "Eukaryotes and Prokaryotes"](#)
- [GCSE Biology Revision "Stem Cells"](#)

#### Q4 – Response to exercise

- [GCSE Biology Revision "Exercise"](#)

#### Q2 – RP on photosynthesis and plant diseases

- [GCSE Biology Revision "Required Practical 6: Photosynthesis"](#)
- [GCSE Biology Revision "Plant Tissues"](#)
- [GCSE Biology Revision "Infectious Diseases in Plants"](#)

#### Q5 – The human heart and circulatory system (10 marks)

- [GCSE Biology Revision "The Heart and Circulation"](#)

#### Q3 – RP on osmosis in plants and food tests

- [GCSE Biology Revision "Required Practical 3: Effects of Osmosis on Plant Tissue"](#)
- [GCSE Biology Revision "Required Practical 4: Food Tests"](#)

#### Q6 – Infectious diseases (12 marks)

- [GCSE Biology Revision "Salmonella and Gonorrhoea"](#)
- [GCSE Biology Revision "Testing Medicines"](#)

## AQA Combined Science: Biology Paper 1 Higher

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### Biology – Paper 1 Higher

#### Q1 – The human heart and circulatory system (10 marks)

- [GCSE Biology Revision "The Heart and Circulation"](#)

#### Q4 – RP on osmosis in plants (10 marks)

- [GCSE Biology Revision "Required Practical 3: Effects of Osmosis on Plant Tissue"](#)
- [GCSE Biology Revision "Effect of Temperature and pH on Enzymes"](#)

#### Q2 – Infectious diseases (12 marks)

- [GCSE Biology Revision "Salmonella and Gonorrhoea"](#)
- [GCSE Biology Revision "Testing Medicines"](#)

#### Q5 – Transpiration in plants (10 marks)

- [GCSE Biology Revision "Plant Tissues"](#)
- [GCSE Biology Revision "Transpiration"](#)

#### Q3 – RP on photosynthesis (9 marks)

- [GCSE Biology Revision "Required Practical 6: Photosynthesis"](#)

#### Q6 – Magnification calculations

- [GCSE Biology Revision "Microscopy"](#)

# AQA Combined Science: Chemistry Paper 1 Foundation

All the Combined Science papers are 1 hour 15 minutes long (without extra time) and are out of 70 marks.

## Topics to Revise - Foundation

### Q1 – Atoms and ions (11 marks)

- <https://www.youtube.com/watch?v=nyvVjJf7RAU>
- <https://www.youtube.com/watch?v=NuUDkub7N9A>

### Q5 – Acids (11 marks)

- <https://www.youtube.com/watch?v=ZWZTDiwOWil>
- <https://www.youtube.com/watch?v=4HS6D0hTzdg>
- <https://www.youtube.com/watch?v=r49wo5ficzg&t=12s>

### Q2 – Structure & Bonding (12 marks)

Note – each question is on a different area of structure and bonding. The links only represent a few of the questions.

- <https://www.youtube.com/watch?v=o56nWrsp-hl&t=15s>
- <https://www.youtube.com/watch?v=3hUwVYOue5s&t=26s>
- <https://www.youtube.com/watch?v=gUNkLff2WXU&t=109s>

### Q6 – Electrolysis of solutions (9 marks)

- <https://www.youtube.com/watch?v=o56nWrsp-hl>
- <https://www.youtube.com/watch?v=mL7mkqyLpSo>
- <https://www.youtube.com/watch?v=3G3KQIyoZDI>

### Q3 – Reacting Mg and O<sub>2</sub> ( 9 marks)

- <https://www.youtube.com/watch?v=Lk1V0buHEFs>
- <https://www.youtube.com/watch?v=gcUvR0yYL3c>

### Q7 – Exothermic reactions (10 marks)

- <https://www.youtube.com/watch?v=4HS6D0htzdg>
- <https://www.youtube.com/watch?v=VaXQVoI3gtc>
- <https://www.youtube.com/watch?v=rDI7xEq4Ew8>

### Q4 – Metals (8 marks)

- <https://www.youtube.com/watch?v=MXTSels6e2Y>
- <https://www.youtube.com/watch?v=YcyMEIB EzAY>
- <https://www.youtube.com/watch?v=o56nWrsp-hl&t=15s>

## AQA Combined Science: Chemistry Paper 1 Higher

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### Topics to Revise - Higher

#### Q1 – Electrolysis of solutions (9 marks)

- <https://www.youtube.com/watch?v=o56nWrsp-hl>
- <https://www.youtube.com/watch?v=mL7mkqyLpSo>
- <https://www.youtube.com/watch?v=3G3KQIyoZDI>

#### Q5 – Acids (9 marks)

- <https://www.youtube.com/watch?v=h7ErVAZbeu0>
- <https://www.youtube.com/watch?v=4piHhXfGZIE&t=16s>
- <https://www.youtube.com/watch?v=eExCBkp4jB4>
- <https://www.youtube.com/watch?v=PdValXAVUOc>

#### Q2 – Exothermic reactions (10 marks)

- <https://www.youtube.com/watch?v=4HS6D0htzdg>
- <https://www.youtube.com/watch?v=VaXQVol3gtc>
- <https://www.youtube.com/watch?v=rdI7xEq4Ew8>

#### Q6 – Mg and O<sub>2</sub> (11 marks)

- <https://www.youtube.com/watch?v=Lk1V0buHEFs&t=2s>
- <https://www.youtube.com/watch?v=fwukX8Ec-Pg>
- <https://www.youtube.com/watch?v=K4pw-U6Xpc&t=24s>
- <https://www.youtube.com/watch?v=4wTSLBBBMo0>

#### Q3 – Atoms, ions & elements (12 marks)

- [https://www.youtube.com/watch?v=qAlpNXO\\_FRE](https://www.youtube.com/watch?v=qAlpNXO_FRE)
- <https://www.youtube.com/watch?v=nyvVjJf7RAU>
- <https://www.youtube.com/watch?v=5l-5sKDudq8>
- <https://www.youtube.com/watch?v=eBlWCIOwx4c>

#### Q7 – Structure & Bonding (8 marks)

- <https://www.youtube.com/watch?v=0khrZnI9CIQ>
- <https://www.youtube.com/watch?v=tV8Cv2x0SD0>
- <https://www.youtube.com/watch?v=o56nWrsp-hl>
- <https://www.youtube.com/watch?v=gUNkLff2WXU>
- <https://www.youtube.com/watch?v=Y0eDQOdOpTM>

#### Q4 – Metals (11 marks)

- <https://www.youtube.com/watch?v=MXTSels6e2Y>
- <https://www.youtube.com/watch?v=YcyMEIBEzAY>
- <https://www.youtube.com/watch?v=o56nWrsp-hl>

## AQA Combined Science: Physics Paper 1 Foundation

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### Combined Science Physics – Paper 1 Foundation

#### Qs.1 Radiation

- [GCSE Physics Revision – Radioactivity](#)
- [GCSE Physics Revision – Properties of Alpha, Beta and Gamma Radiation](#)
- [GCSE Physics Revision – Half Life](#)

#### Qs. 4 Mains supply and potential difference

- [GCSE Physics Revision - Mains Electricity](#)
- [GCSE Physics Revision - Potential Difference in Series Circuits](#)
- [GCSE Physics Revision - Specific latent heat](#)
- [GCSE Physics Revision - Efficiency](#)

#### Qs.2 Electric circuits

- [GCSE Physics Revision – Current in series circuits](#)
- [GCSE Physics Revision – Resistance](#)
- [GCSE Physics Revision - Resistance in a filament lamp](#)

#### Qs. 5 Energy resources

- [GCSE Physics Revision - Energy from fossil fuels](#)
- [GCSE Physics Revision - Renewable energy sources](#)
- [GCSE Physics Revision - The UK Energy mix](#)

#### Qs. 3 Energy

- [GCSE Physics Revision – Energy conservation](#)
- [GCSE Physics Revision – Elastic potential energy](#)
- [GCSE Physics Revision – Kinetic energy](#)
- [GCSE Physics Revision – Gravitational potential energy](#)
- [GCSE Physics Revision - Efficiency](#)

#### Qs. 6 Specific heat capacity

- [GCSE Physics Revision – Specific heat capacity](#)
- [GCSE Physics Revision – Required Practical 1: Specific Heat Capacity](#)

## AQA Combined Science: Physics Paper 1 Higher

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### Combined Science Physics – Paper 1 Higher

#### Renewable energy

- [GCSE Physics Revision - Renewable energy](#)
- [GCSE Physics Revision - Energy from Fossil Fuels](#)

#### Mains supply and potential difference

- [GCSE Physics Revision - Mains Electricity](#)
- [GCSE Physics Revision - Potential Difference in Series Circuits](#)
- [GCSE Physics Revision - Potential Difference in Parallel Circuits](#)
- [GCSE Physics Revision - DC and AC Supply](#)

#### Specific heat capacity and latent heat

- [GCSE Physics Revision – Specific heat capacity](#)
- [GCSE Physics Revision – Required Practical 1: Specific Heat Capacity](#)
- [GCSE Physics Revision -Latent Heat](#)

#### The national grid and density

- [GCSE Physics Revision - The National Grid](#)
- [GCSE Physics Revision - Density](#)

#### Resistance

- [GCSE Physics Revision – Current in Series Circuits](#)
- [GCSE Physics Revision – Resistance](#)
- [GCSE Physics Revision – Resistor](#)

#### Energy

- [GCSE Physics Revision – Energy conservation](#)
- [GCSE Physics Revision – Elastic potential energy](#)
- [GCSE Physics Revision – Kinetic energy](#)
- [GCSE Physics Revision – Gravitational potential energy](#)
- [GCSE Physics Revision - Efficiency](#)

#### Radiation

- [GCSE Physics Revision – Radioactivity](#)
- [GCSE Physics Revision – Properties of Alpha, Beta and Gamma Radiation](#)
- [GCSE Physics Revision – Nuclear Equations](#)
- [GCSE Physics Revision – Half Life](#)