

Combined Science

Key Contacts:

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Key Information

Biology

- Paper 1: Topics 1-4 Cell Biology, Organisation, Infection & response & Bioenergetics
- Paper 2: Topics 5-7 Homeostasis & response, Inheritance, variation & evolution and Ecology

Chemistry

- Paper 1: Topics 8-12 Atomic structure & the periodic table, Bonding, structure & the properties of matter, Quantitative chemistry, Chemical changes & Energy changes.
- Paper 2: Topics 13-17 The rate & extent of chemical change, Organic chemistry, Chemistry of the atmosphere and Using resources.

Physics

- Paper 1: Topics 18-21 Energy, Electricity, Particle model of matter & Atomic structure.
- Paper 2: Topics 22-24 Forces, Waves, magnetism & electromagnetism.

Each paper comprises of 16.7% of each course and lasts for 1h 15m

Useful Information:

Exam board: AQA

Websites:

<http://www.gcsepod.com>

Contains specific pod casts designed to support all aspects of GCSE Science.

<http://www.bbc.co.uk/education>

Navigate to GCSE, Science and your chosen subject e.g. Biology and use revision tools and tests.

www.kerboodle.com - access to textbook and revision resources.

www.senecalearning.com - GCSE Science Trilogy

For the Required Practicals, type **GCSEfree science videos** into YouTube.

Top Tips

- Always read the question twice to check you understand what the question is asking.
- Never leave a multiple choice question blank.
- Circle the command word for an extended writing question before starting to write your full answer - if in doubt, bullet point the answer.
- Always show your working out for any calculation question to help the examiner award you the most marks.
- Check you know the difference between a word and chemical equation.
- Use past papers questions and time yourself to gain valuable exam technique experience.
- Check you can write and transpose the physics equations you need to know.
- Check you understand the information on elements provided in the periodic table for your Chemistry exams.