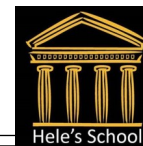


# GCSE Science—Revision



## AQA Combined Science Trilogy

There are 6 papers: two Biology, two Chemistry and two Physics

### What can you do?

Get your self equipped— time to go shopping!

For every science lesson you need black pens, green pen, pencil, rubber, ruler, Scientific calculator

### Attend after school revision sessions:

The Science team offers once a week (Monday after School) revision sessions after autumn half term for Biology, Chemistry and Physics linked to one topic per session. You choose the subject and the topic on offer you wish to attend from across the three Sciences.

### Other suggestions:

Revision guides that summarise key concepts across the course, ideal to help you with subject knowledge you are not secure with:

*New grade 9-1 GCSE combined Science: AQA revision guide (make sure you purchase the correct tier, either foundation or higher) from amazon.*

Question cards so you can test your self or use friends and/or family to check your knowledge of formulas. Key concepts and definitions:

*New 9-1 GCSE Combination Science: Biology/Chemistry/Physics AQA revision question cards can be purchased from Amazon.*

Exam practice workbook to practice answering questions against key concepts you are struggling with or want to develop your written answers.

*New Grade 9-1 GCSE Combined Science: AQA exam practice workbook (make sure you purchase the correct tier, either Foundation or Higher) from Amazon.*

Purchase exam paper packs, there is no substitute for practice, practice, practice of exam paper referring your answers against the mark scheme:

*New Grade 9-1 GCSE Combined Science: AQA practice papers (make sure you purchase the correct tier, either Foundation or Higher) from Amazon.*

### What can you do at home

On-line resources (no cost) for those of you who wish to practice questions with instant feedback, or view videos with people explaining ideas/concepts:  
**Educake, Seneca, Kerboodle, You Tube# GCSE Pod (freescience lessons.co.uk)**

### What can you do at school

In science lessons:

Our 'get in, get on tasks', at the start of each lesson, focus upon retrieval practice and aiding you with recalling information from the course.

After February half term, we will have had completed the content for GCSE and will be answering on epast exam paper question every three lessons, accompanied by the relevant mark scheme.

In addition we will revisit the required practical's to reinforce application of practical skills

### Papers:

Each of the papers will assess knowledge and understanding from distinct topic areas.

#### Biology paper 1

Topics 1-4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

#### Biology Paper 2

Topics 5-7: Homeostasis and response; Inheritance; variation and evolution; and Ecology.

#### Chemistry Paper 1

Topics 8-12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes

#### Chemistry Paper 2

Topics 13-17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.

#### Physics Paper 1

Topics 18-21: Energy; Electricity; Particle model of matter; and Atomic structure.

#### Physics Paper 2

Topics 22-24: Forces; Waves; and Magnetism and electromagnetism.