

Science – year 11 2018/19

Qualification – AQA Combined Science Trilogy (8464)

There are six papers: two biology, two chemistry and two physics.
Each of the papers will assess knowledge and understanding from distinct topic areas.

Biology paper 1 14th May

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

Biology paper 2 7th June

Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

Chemistry paper 1 16th May

Chemistry 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 12th June

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

Physics paper 1 22nd May

Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

Physics paper 2 14th June

Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism

What can you do?

Get yourself equipped – time to go stationery shopping!

For every Science lesson you need black pens, green pen, pencil, rubber, ruler, Scientific calculator, highlighter.



What you can do at school:

In Science lessons:

Students have completed the content for their GCSE and are now answering one past exam paper every two lessons, accompanied by the relevant mark scheme. In addition we are revisiting the required practicals to reinforce application of practical skills.

Attend after school revision sessions:

The Science team offers once a week (either Monday or Tuesday after school) revision sessions where you choose the subject, you choose the topic and answer questions linked to your chosen area, with Science teachers available to help you if you get stuck.

What you can do at home:

Google Classroom will digitally post exam papers staged across the Easter holiday for you to complete.

On-line resources (no cost) for those of you who wish to practise questions with instant feedback, or view videos with people explaining ideas/concepts:

Educake, Seneca, Kerboodle, YouTube (freesciencelessons.co.uk)

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 yourself or use friends and/or family to check your knowledge of formulas, key concepts and definitions:

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

Exam practice workbook to practise 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

Practice exam paper packs, there is no substitute for practice, practice, practice of exam papers 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