

MODULES/UNITS

Pupils will study a range of topics split across 6 exams papers in Biology, Chemistry and Physics

Biology

Paper 1

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics

Paper 2

5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Chemistry

Paper 1

8. Atomic structure and the periodic table
9. Bonding, structure, and the properties of matter

Paper 2

10. Quantitative chemistry
11. Chemical changes
12. Energy changes

Paper 2

13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere

Physics

Paper 1

18. Energy
19. Electricity
20. Particle model of matter
21. Atomic structure

Paper 2

22. Forces
23. Waves
24. Magnetism and electromagnetism

EXAMS

WHEN

BIOLOGY PAPER 1

MAY IN YEAR 11

CHEMISTRY PAPER 1

MAY IN YEAR 11

PHYSICS PAPER 1

MAY IN YEAR 11

BIOLOGY PAPER 2

JUNE IN YEAR 11

CHEMISTRY PAPER 2

JUNE IN YEAR 11

PHYSICS PAPER 2

JUNE IN YEAR 11

TOPICS

DURING

BIOLOGY 1, CHEMISTRY 1, PHYSICS 1

YEAR 9 AND 10

BIOLOGY 2, CHEMISTRY 2, PHYSICS 2

YEAR 10 AND 11

OTHER INFORMATION

We follow the AQA Combined Science: Trilogy

The web-site for this course is:

<http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

Pupils can access a variety of resources (worksheets, power points and experiments) via the VLE on the school web-site, and the year 11 Science Edmodo page. We also encourage use of Seneca Learning and GCSEpod.

Pupils have access to the AQA textbooks for the courses and have the opportunity to purchase CGP revision guides and workbooks that match the course.

For any queries or further information contact Judith Chipps, Head of Science on jchipps@samuelward.co.uk