

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

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
- 25. Space Physics

COURSEWORK DEADLINES/EXAMS FOR 2018 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 & 10

BIOLOGY 2, CHEMISTRY 2, PHYSICS 2

YEAR 10 & 11

'TRIPLE SCIENCE' ONLY CONTENT

YEAR 11

OTHER INFORMATION

We follow the AQA Separate Sciences: Biology, Chemistry, Physics

The web-site for this course is:

<http://www.aqa.org.uk/subjects/science/gcse/biology-8461>

<http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

<http://www.aqa.org.uk/subjects/science/gcse/physics-8463>

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 the 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 Mrs Chipps, Head of Science on jchipp@samuelward.co.uk