

## GCSE Triple Science



Course Content: This course results in the award of 3 GCSEs

GCSE Triple Science involves the study of a wide range of topics from the disciplines of Biology, Chemistry and Physics.

**Biology:** cells, enzymes, growth, nervous system, genetics, evolution, disease, plants, hormones, circulatory system, ecosystems

**Chemistry:** states of matter, separation techniques, atomic structure, periodic table, chemical bonding, acids and alkalis, electrolysis, rates of reaction, fuels, the Earth's atmosphere, quantitative and qualitative analysis

**Physics:** forces and motion, energy, waves, electromagnetic spectrum, radioactivity, electricity, magnetism, particle model, forces and matter, astronomy

Skills needed and developed:

- The recall of knowledge
- The ability to analyse and evaluate data
- The use of scientific vocabulary, quantities, units and nomenclature.

Assessment Methods:

In Science at St. Antony's we will follow the Edexcel GCSE (9-1) Triple Science specification.

The course is examined via six examinations at the end of Year 11. There are two papers in each of the main scientific disciplines (Biology, Chemistry and Physics).

There is no coursework element in the assessment of GCSE Triple Science.

Qualification gained at completion of the course:

GCSE Triple Science – 3 grades (9-1)

Possible Pathways and Careers:

Science qualifications can lead to working in industries such as cosmetics, pharmaceutical, allied health, food/drinks and agriculture.