

COURSE GUIDE - TRIPLE SCIENCE

WHAT IS TRIPLE SCIENCE?

Triple Science consists of three separate science GCSE's in Biology, Chemistry and Physics. Students will study more in-depth content of these specific areas of Science compared to that of the Combined Science qualification. Triple Science qualifications are highly regarded by sixth form colleges as well as universities for students who wish to study Science courses for A Levels and undergraduate courses.

WHAT WILL I STUDY?

Biology	Chemistry	Physics
<ol style="list-style-type: none">1. Cell biology2. Organisation3. Infection and response4. Bioenergetics5. Homeostasis and response6. Inheritance, variation and evolution7. Ecology8. Key ideas	<ol style="list-style-type: none">1. Atomic structure and the periodic table2. Bonding, structure, and the properties of matter3. Quantitative chemistry4. Chemical changes5. Energy changes6. The rate and extent of chemical change7. Organic chemistry8. Chemical analysis9. Chemistry of the atmosphere10. Using resources	<ol style="list-style-type: none">1. Energy2. Electricity3. Particle model of matter4. Atomic structure5. Forces6. Waves7. Magnetism and electromagnetism8. Space Physics (physics only)

HOW WILL I BE ASSESSED?

There are six papers: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas. Each paper is 1 hour 45 mins each and are each worth 50% of that specific Science GCSE. Questions consist of multiple choice, structured, closed short answer, and open response.

HOW CAN I PROGRESS?

- Full engagement with the required practical's of the course will increase student outcomes on exams due to the increased presence of these questions on exam papers.
- Proficient mathematical skills will be needed as an increased amount of maths based science questions will be on exam papers as well as less equations given on data sheets.
- Students must engage with all homework tasks and must be seen to be actively studying for frequent progress tests and mock papers.

FURTHER INFORMATION

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

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

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

