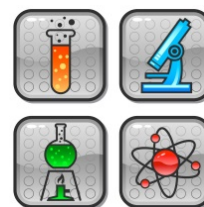


GCSE Combined Science: Trilogy



All students will study AQA GCSE Combined Science from Year 9 to Year 11 with a small number going on to study separate sciences in Year 11. This course covers topics in all 3 science disciplines and students achieve the equivalent of 2 GCSEs from this course.

What will I study? AQA GCSE Combined Science

Biology Units: Cells, Organisation, Infection, Bioenergetics, Homeostasis, Inheritance, Ecology

Chemistry Units: Atomic Structure, Bonding Structure and Properties, Quantitative Chemistry, Chemical Changes, Energy Changes, Rate and Extent of Chemical Changes, Organic Chemistry, Chemical Analysis, Chemistry of the Atmosphere, Using Resources

Physics Units: Energy, Electricity, Particle Model of Matter, Atomic Structure, Forces, Waves Magnetism and Electricity

Who would this course suit?

It is national expectation that all students study, as a minimum, the equivalent of 2 GCSE sciences and this qualification is therefore designed for all students at Key Stage 4. Those students wishing to study sciences at A Level would benefit from studying separate science GCSEs

How will I learn?

To be successful in science students need to be able to explain key scientific concepts, apply mathematical skills and work scientifically. During the course students will investigate hypotheses through practical investigations. Practical work is a key aspect of the Science GCSEs. Students will also need to explain, analyse and evaluate scientific ideas through extended writing tasks.

The Science Department is well resourced and has a number of online resources to support independent learning.

How will my work be assessed?

The work is externally assessed by terminal examinations at the end of Year 11. There are no controlled assessments. Progress will be monitored by internal assessments which take place at the end of every Unit.

June (Year 11): Students will sit 6 examination papers each of 1 hour and 15 minutes. There are 2 papers each for Biology, Chemistry and Physics. Each paper is worth 16.7% of the overall qualification.

How can I use this course after Year 11 in the future?

There are a wide range of progression routes for students interested in science. These include vocational qualifications in Applied Science, Forensic Science, Environmental Science, Animal Care and Engineering as well as traditional A-Level study

If I want to know more I should ask.....

Mr Lilly: Head of Science Department

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