



GCSE Triple Science

- CORE COMPULSORY
- NON-QUALIFICATION
- OPTION
- EBACC SUBJECT

Examination board: AQA

Course code: 8461/8642/8643

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Course Description <p>GCSE Biology, Chemistry and Physics is the in-depth study, investigation and explanation of the world we live in. This will equate to three GCSEs. This qualification provides a more detailed exploration of the science that is around us, stretching and challenging the most able. This course acts as an enrichment bridge between GCSE and A-level sciences.</p> <p>You will have timetabled lessons in biology, chemistry and physics. The course is delivered in distinct units. The units include:</p> <p>Biology</p> <ol style="list-style-type: none">1. Cell biology2. Organisation3. Infection and response4. Bioenergetics5. Homeostasis and response6. Inheritance, variation and evolution7. Ecology <p>Chemistry</p> <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 <p>Physics</p> <ol style="list-style-type: none">1. Energy2. Electricity3. Particle model of matter4. Atomic structure5. Forces6. Waves7. Magnetism and electromagnetism8. Space Physics	Entry Requirements <p>As a guide, would expect students to be achieving 75% or more on average in their Tri-weekly assessments. If your child is achieving less than this then please speak with their teacher about their suitability for the course.</p>
	Key Skills <p>Investigation and enquiry, analysis, extended writing, independent learning, organisation.</p>
	Cost <p>Revision guides and workbooks TBC</p>
Assessment <p>100% 6 x 1 hr 45 min examination papers (Summer in Year 11)</p> <p>All examinations are in May/June. Individual exams cannot be retaken. There are two tiers in the examined units, Foundation tier and Higher tier. Students will be guided to take Foundation or Higher depending on their progress and ability. Questions include multiple choice, structured, closed short answers and open response.</p>	Careers <p>Biotechnology, Chemical Engineering, Pharmacology, Medical Sciences, Forensic Sciences, Engineering, Veterinary Sciences, Sports Sciences, and more.</p>
Further education opportunities <p>This qualification will enable students to complete Level 3 science qualifications such as A-level Sciences or Level 3 BTECs.</p>	Enrichment and Support <p>Esher college trips Revision support sessions</p>