

GCSE Triple Science

Career Pathways	Careers pathways include aerospace engineer, medical physicist, doctor, software engineer, veterinary nurse, paramedic, fish farming, forensic scientist, fitness instructor, dental hygienist, midwifery, motor vehicle technician, laboratory technician, architect, TV journalist, teacher and lawyer.								
Examination Board	Edexcel								
Is this the right subject for me?	If you enjoy: <ul style="list-style-type: none"> • Communicating and explaining your ideas • Thinking creatively and making decisions • Working with numbers to solve problems • Learning about the world through research and investigation 								
What do I need to know, or be able to do, before taking this course?	You might have an interest in how new technologies work. You may have an enquiring mind and be interested in learning about the world around you, how these technologies can be used for the greater good, and what it is that makes us such a special species. You may be considering continuing with A level Sciences as well as employment in a wide variety of careers. Careers pathways include aerospace engineering, medical physicist, doctor, software engineer, veterinary nurse, paramedic, fish farming, forensic scientist, fitness instructor, dental hygienist, midwifery, motor vehicle technician, laboratory technician, architect, TV journalist, teacher and lawyer.								
What will I learn?	In addition to the double award science course, students opting to choose triple science will study the units below. Students will study some units in greater depth.								
	<table border="1"> <thead> <tr> <th>Chemistry</th> <th>Physics</th> <th>Biology</th> </tr> </thead> <tbody> <tr> <td> Chemistry in action: Topic 8 – Transition metals Topic 9 – Quantitative analysis Topic 10 – Dynamic equilibria and calculations involving volumes of gases Topic 11 – Chemical cells and fuel cells </td> <td> Topic 6 – Astronomy Topic 10 – Static electricity Topic 12 – Electromagnetic induction </td> <td> Though students will not study extra units, those units they do study will be covered in greater depth </td> </tr> </tbody> </table>	Chemistry	Physics	Biology	Chemistry in action: Topic 8 – Transition metals Topic 9 – Quantitative analysis Topic 10 – Dynamic equilibria and calculations involving volumes of gases Topic 11 – Chemical cells and fuel cells	Topic 6 – Astronomy Topic 10 – Static electricity Topic 12 – Electromagnetic induction	Though students will not study extra units, those units they do study will be covered in greater depth		
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What do I need to know, or be able to do, before taking this course?	Each GCSE is assessed individually, with learners completing two separate examinations in each subject, making six in total for all three GCSEs. Each GCSE is assessed terminally and now has no controlled assessment element, though there are a range of core practical which are assessed as part of the examinations.								