

Shoeburyness High School

Year 9 Subject Information

Science

GCSE



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GCSE Science

Subject Information

At Shoeburyness we follow the Edexcel exam board at GCSE.

Starting in year 9, students will study all three disciplines (Chemistry, Physics, and Biology) over the three years. The course coverage is very broad, with a module breakdown on the next slide.

The majority of students will study Double Award, but the most able students, selected by the school, will study Triple Science content in year 11. This is usually just one class.



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Course Breakdown

Biology	Chemistry	Physics
Key Concepts in Biology	States of Matter	Motion and Forces
Cells and Control	Atomic Structure	Conservation of Energy
Genetics	Bonding	Waves
Natural Selection	Acids and Alkalis	Light and the Electromagnetic Spectrum
Heath, Disease, and Medicines	Chemical Calculations	Radioactivity
Plant Structures	Extracting metals	Energy – Forces Doing Work
Animal Coordination	Groups in the Periodic Table	Electricity
Exchange and Transport in Animals	Rates of reaction	Magnetism
Ecosystems	Fuels and Atmospheric Science	The Particle Model
	Hydrocarbons	



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All Students will sit six exams at the end of the course. Two will be for Biology, two for Chemistry, and two for Physics.

Those studying for the Triple award will sit slightly longer examinations.



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Subject Progression

At Shoeburyness we're very proud to offer all three Science A-Levels.

The courses are delivered by experienced specialists, who you may already be taught by.

At present we ask that students achieve a minimum of a grade 6 in Science, to sit the higher tier.



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Contact Information

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