

Shoeburyness High School

Year 9 Subject Information

Science

GCSE



GCSE Science

Subject Information

At Shoeburyness we follow the Edexcel exam board at GCSE. Although GCSE content is studied in Years 10 and 11, we follow a 5 year curriculum plan. Meaning each year builds on the previous year's content.

Science is a core subject, meaning all students will study Combined Science (worth 2 GCSEs) in their Core lessons. There is an option for students to apply to study Separate Sciences (worth 3 GCSEs). This additional content will be taught in their option lessons. To study Separate Sciences students must achieve a grade 6 or above at the end of Key Stage 3.



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.

Combined Science papers are 60 marks each and 70 minutes long.



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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.



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Contact Information

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