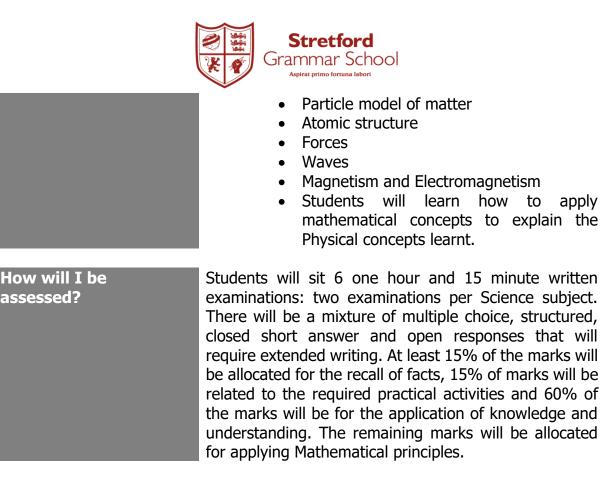


Science (Combined Science)

This is compulsory for all students (although students may follow the Option for the Separate Sciences).

Examination Board: Examination Code:	AQA Combined Science 8464	
Outline of the Course	 Students will follow a broad, coherent course of study that adds to their knowledge and understanding of the living, material and physical worlds. Students will develop a range of transferable skills by undertaking practical activities to help prepare them for the examination questions based on the 21 Required practical investigations (7 in Biology, 6 in Chemistry, 8 in Physics). They will learn to make observations, analyse data appropriately and explain conclusions in terms of scientific concepts. 	
What will you learn?		 Cell biology Organisation Infection and response Bioenergetics Homeostasis and response Inheritance, variation and evolution Ecology
	:	 The Periodic table Chemical structures and their properties Chemical reactions and how to analyse substances Chemical changes Electrolysis Organic chemistry Chemistry of the atmosphere including human influences on this and sustainable development.
		Electricity



Mark BreakdownEach of the 6 written papers is worth 16.7% of the
final Combined Science GCSE result.

 Website links
 http://www.aqa.org.uk/subjects/science/gcse/combine

 d-science-trilogy-8464

Key DatesExams: May of Year 11Required practical activities will be covered throughout
the two year course.

Further Information	Mrs. L. Wallis – Director of Science <u>I.wallis@stretfordgrammar.com</u>	
	Subject Teachers: – please see the separate Biology, Chemistry and Physics pages of this booklet.	
	Students tend to follow the Combined Science course if they do not intend to pursue Science subjects at A Level or they want to take a range of other option subjects such as Music, Art, MFL and Humanities. Students can still progress from Combined Science to A Level Science courses.	



What can I do after I have completed the course? A range of transferable skills are developed during the course such as analytical / data analysis skills, evaluation skills, communication skills and practical skills which will assist students in a range of careers or A Level choices. This course is suitable to progress to A Level Sciences