Dr Wieland

2IC SCIENCE

Everyone in Year 10 is studying the **AQA Combined GCSE Science: Trilogy course – 2 Combined Science grades**

At the end of Year 10 we will decide who follows the **AQA Triple Science course – 3 Separate Science grades**
Everyone else will follow a structured revision programme
There are two tiers of entry – **Higher and Foundation**

Examinations consist of the following question styles

- Multiple choice
- Structured
- Closed short answer
- Extended response (4 and 6 marks)

Examination information - Combined Science: Trilogy

	Biology paper 1	Biology paper 2	Chemistry paper 1	Chemistry paper 2	Physics paper 1	Physics paper 2
Topics tested	• Cell biology • Organisation • Infection & response • Bioenergetics	• Homeostasis & response • Inheritance • Variation & evolution • Ecology	• Atomic structure & the periodic table • Bonding • Structure & properties of matter • Quantitative chemistry • Chemical changes • Energy changes	• The rate and extent to chemical change • Organic chemistry • Chemical analysis • Chemistry and the atmosphere • Using resources	• Energy • Electricity • Particle model of matter • Atomic structure	• Forces • Waves • Magnetism & electromagnetism
No. of marks	70	70	70	70	70	70
% of GCSE	16.7	16.7	16.7	16.7	16.7	16.7
	ALL EXAMS ARE 1 HOUR & 15 MINUTES LONG					

Examination information - Separate Science

	Biology paper 1	Biology paper 2	Chemistry paper 1	Chemistry paper 2	Physics paper 1	Physics paper 2
Topics tested	• Cell biology • Organisation • Infection & response • Bioenergetics	• Homeostasis & response • Inheritance • Variation & evolution • Ecology	• Atomic structure & the periodic table • Bonding • Structure & properties of matter • Quantitative chemistry • Chemical changes • Energy changes	• The rate and extent to chemical change • Organic chemistry • Chemical analysis • Chemistry and the atmosphere • Using resources	• Energy • Electricity • Particle model of matter • Atomic structure	• Forces • Waves • Magnetism & electromagnetism • Space physics
No. of marks	100	100	100	100	100	100
% of GCSE	50	50	50	50	50	50
	ALL EXAMS ARE 1 HOUR & 45 MINUTES LONG					

To Succeed in Science

Revision cards Mind maps Revision guides CGP

Exam questions Cognito BBC Bitesize Seneca

Family/Friends Past papers (AQA website) Knowledge organisers

YouTube – Free Science Lessons and various other good revision videos

To Succeed in Science

Students need to

- Ask lots of questions and be prepared to make and learn from mistakes
- Learn the steps involved in the required practicals and be able to apply practical skills to new situations
- In Physics learn to use the equations
- In Biology learn the keywords and definitions
- In Chemistry learn the equations and practise applying fundamental knowledge
- Complete all homework (Seneca Learning and exam questions)
- Use transferable mathematical skills and be able to apply them to Science questions
- Complete past papers in timed conditions and assess using the mark schemes