

GCSE Science Structure

Biology		
Module	Year taught	Test paper
1. Cell Biology	9	1
2. Organisation	9	1
3. Infection & response	10	1
4. Bioenergetics	10	1
5. Homeostasis	10	2
6. Inheritance, variation & evolution	11	2
7. Ecology	11	2

Chemistry		
Module	Year taught	Test paper
1. Atomic structure & the periodic table	9	1
2. Bonding, structure, and the properties of matter	9	1
3. Quantitative Chemistry	11	1
4. Chemical changes	11	1
5. Energy changes	11	1
6. The rate & extent of chemical change	10	2
7. Organic chemistry	10	2
8. Chemical analysis	10	2
9. Chemistry of the atmosphere	10	2
10. Using resources	10	2

Physics		
Module	Year taught	Test paper
1. Energy	10 (11)	1
2. Electricity	10/11	1
3. Particle model of matter	9 (10)	1
4. Atomic structure	9 (10)	1
5. Forces	10 (9)	2
6. Waves	11	2
7. Magnetism & electromagnetism	11	2
8. <i>Space (triple only)</i>	<i>10</i>	<i>2</i>

	Combined Science Details for each paper	<i>Triple Science Details for each paper</i>
Biology paper 1	1hr 15 mins 70 marks 16.7% of GCSE Multiple choice, structures, closed short answer & open response Qs	<i>1hr 45 mins 100 marks 50% of respective GCSE Multiple choice, structures, closed short answer & open response Qs</i>
Biology paper 2		
Chemistry paper 1		
Chemistry paper 2		
Physics paper 1		
Physics paper 2		

Biology Practicals	Paper
1. Microscopy	1
2. Osmosis	1
3. Enzymes	1
4. Food Tests	1
5. Photosynthesis	1
6. Reaction times	2
7. Field Observations	2
8. <i>Microbiology (Triple only)</i>	1
9. <i>Germination (Triple only)</i>	2
10. <i>Decay (Triple only)</i>	2

Chemistry Practicals	Paper
1. Making salts	1
2. Electrolysis	1
3. Temperature change	1
4. Water purification	2
5. Chromatography	2
6. Rates of reaction	2
7. <i>Neutralisation (Triple only)</i>	1
8. <i>Identifying ions (Triple only)</i>	2

Physics Practicals	Paper
1. Density	1
2. Specific heat capacity	1
3. Resistance	1
4. IV characteristics	1
5. Force and extension	2
6. Acceleration	2
7. Waves	2
8. Radiation and absorption	2
9. <i>Thermal insulation (Triple only)</i>	1
10. <i>Light (Triple only)</i>	2