

New GCSE Structure – Combined science

Biology	Chemistry	Physics
1. Cell biology	1. Atomic structure	1. Energy
2. Organisation	2. Bonding, structure and properties of matter	2. Electricity
3. Infection and response	3. Quantitative chemistry	3. Particle model of matter
4. Respiration and photosynthesis	4. Chemical changes	4. Atomic structure
5. Homeostasis	5. Energy changes	5. Forces
6. Inheritance, variation and evolution	6. Rate of reaction	6. Waves
7. Ecology	7. Organic chemistry	7. Magnetism
	8. Chemical analysis	
	9. Chemistry of the atmosphere	
	10. Using resources	

Exams – Combined science

Biology		Chemistry		Physics	
Paper 1	Paper 2	Paper 1	Paper 2	Paper 1	Paper 2
1 hour 15 minutes (70 marks)	1 hour 15 minutes (70 marks)	1 hour 15 minutes (70 marks)	1 hour 15 minutes (70 marks)	1 hour 15 minutes (70 marks)	1 hour 15 minutes (70 marks)
<u>Topics 1-4:</u> 1. Cell biology 2. Organisation 3. Infection and response 4. Photosynthesis and respiration	<u>Topics 5-7:</u> 5. Homeostasis 6. Inheritance, variation and evolution 7. Ecology	<u>Topics 8-12:</u> 8. Atomic structure & periodic table 9. Bonding, structure and properties 10. Quantitative chemistry 11. Chemical changes 12. Energy changes	<u>Topics: 13-17:</u> 13. Rate of reaction 14. Organic chemistry 15. Chemical analysis 16. Chemistry of atmosphere 17. Using resources	<u>Topics 18-21:</u> 18. Energy 19. Electricity 20. Particle model 21. Atomic structure	<u>Topics 22-24:</u> 22. Forces 23. Waves 24. Magnetism

What grade can I get...? 2018 Grade boundaries

Higher Tier = total marks 420

<u>Possible grades</u>	<u>Number of marks</u>
9-9	- 289 (69%)
9-8	- 270 (64%)
8-8	- 251 (60%)
8-7	- 232 (55%)
7-7	- 213 (51%)
7-6	- 193 (46%)
6-6	- 174 (41%)
6-5	- 155 (37%)
5-5	- 136 (32%)
5-4	- 117 (28%)
4-4	- 98 (23%)
U	- <98

Foundation Tier = total marks 420

<u>Possible grade</u>	<u>Number of marks</u>
5-5	- 253 (60%)
5-4	- 235 (56%)
4-4	- 218 (52%)
4-3	- 193 (46%)
3-3	- 168 (40%)
3-2	- 143 (34%)
2-2	- 119 (28%)
2-1	- 95 (23%)
1-1	- 71 (17%)
U	- <71