

Combined Science GCSE



Examination and Revision Information

Examination Board:	<ul style="list-style-type: none">• AQA GCSE Combined Science: Trilogy
Number of Examination Papers:	<ul style="list-style-type: none">• Paper 1: Cell Biology; Organisation; Infection and response; and Bioenergetics.• Paper 2: Homeostasis and response; inheritance, variation and evolution; and ecology.• Paper 3: Atomic structure and the periodic table, structure and bonding, quantitative chemistry, chemical changes and energy changes• Paper 4: Rate and equilibria, organic chemistry, chemical analysis, chemistry of the atmosphere and using resources.• Paper 5: Energy, electricity, particles & matter and radioactivity.• Paper 6: Forces, waves and the electromagnetic spectrum, electromagnetic induction.
Structure of Examination Papers:	<ul style="list-style-type: none">• All papers are 1 hour 15 minutes.• Each paper is out of 70 marks and worth 16.7% (equally weighted)
Key Information:	<ul style="list-style-type: none">• The Combined Science course is a two year, linear curriculum.• The qualification is 100% examination based.• You will receive two GCSE grades from the 17 grade scale using the 9 – 1 grading system.• One of the eight required practical activities could be examined on either paper. Marks for spelling, punctuation and grammar (SPAG) is also awarded.• You will be expected to carry out complex multiple-step calculations on both papers.• The papers are equally weighted. You must do consistently well on all six papers, across all three subjects to achieve the very highest grades. Do not neglect one science because you find it harder than the others.• UPDATE: Due to Covid-19, students will now study the required practical activities through demonstrations and simulations. This will make it easier for students to learn about the practical apparatus, techniques and processes in enough depth to demonstrate their understanding in exams.• There are no planned changes to the assessments for GCSE Combined Science: Trilogy in 2021.
Where could I find past papers and mark schemes?	<p>https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources</p>



<p>What are the best websites to help me revise this subject?</p>	<ul style="list-style-type: none"> • BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/zp266yc • S-Cool Revision: https://www.s-cool.co.uk/ • Free Science Lessons: https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw
<p>What are the best ways to revise for this subject?</p>	<ol style="list-style-type: none"> 1. Self-Testing: Use flash cards to cover past topics. The following website is a useful resource to create your own: https://www.brainscape.com/ 2. GCSE Pod: There are Pods linked to the content of all topics covered in both papers. 3. Books: Revise by using your exercise books. These are your best revision resource. The Department offer the opportunity to buy revision guides. This is another useful resource that contains concise revision notes and exam practice. 4. Past Papers: Answer individual questions from past GCSE papers. Make sure you know the difference between the question styles and understand the command words used. Practice makes perfect. 5. Make the link: understand that the skills you develop in Biology, Chemistry, Physics and Maths are transferable. You will be expected to carry out calculations, calculate percentages and ratios, read values from graphs and describe relationships. You have done this all before. Do not get overwhelmed by an unfamiliar scenario! 6. Seneca learning: These are videos and notes on the topic and tests to check your understanding. https://www.senecalearning.com/

