

Combined Science

Year 11 Mock Exam Information

Exam specification and exam board	AQA - Combined Science: Trilogy GCSE 8464 Specification		
Past papers available at	AQA GCSE Combined Science Trilogy Past Papers - Revision Science		
Useful revision websites	Biology - AQA GCSE (9-1) Biology Revision - PMT Chemistry – Chemistry Revision - PMT Physics - Physics Revision - PMT		
<u>MOCK EXAM INFORMATION</u>	<u>3 x 1 hr 15 minutes – 70 marks total</u>		
Topics covered in mock	Biology Topic 1 – Cell Biology (FT only) Topic 2 – Organisation (HT only) Topic 3 – Infection and response Topic 4 – Bioenergetics (FT only) Topic 5 – Homeostasis and Response Topic 6 – Inheritance Topic 7 - Ecology	Chemistry Topic 1 – Atomic Structure and the Periodic Table Topic 2 – Structure and Bonding Topic 3 – Quantitative Chemistry Topic 4 – Chemical Changes Topic 5 – Energy Changes Topic 6 – Rates and Extent of Chemical Change	Physics Topic 1. Energy Topic 2. Electricity Topic 3. Particle model of matter Topic 4. Atomic structure Topic 6. Waves Topic 7. Magnetism and electromagnetism Topic 5. Forces 1st Half (contact/non-contact forces, weight/mass /gravity, calculating forces, elasticity, stopping distances)
Recommended revision strategies	• Consolidate learning on the topic e.g. quick quizzes from Seneca/Cognito/BBC Bitesize/EduCake • use of Flash cards (modelled in lesson) or • watch summary videos (cognito) • discussions with friends/parents/guardians using revision guides/knowledge organisers		
Top tips for your exam	1. Learn the key facts and equations Know required practicals, definitions, formulas, units, and common processes. Make flashcards and test yourself rather than just rereading. 2. Master command words		



- **State** → give a fact
- **Describe** → say what happens
- **Explain** → give reasons using scientific knowledge
- **Calculate** → show your working
- **Evaluate** → make a judgement using evidence

3. Show your working in calculations

Write the equation, substitute the numbers, calculate, and include the correct **unit**. Even if your final answer is wrong, working can earn marks.

4. Read the question carefully

Underline key information and check exactly what it's asking. In longer questions, use scientific keywords and make sure every part of the question is answered.

Go to:

[Foundation Whole Year Plan](#)

[Advanced Whole Year Plan](#)

Year 11 Science Revision Plan (Combined Science AQA Trilogy)

FOUNDATION TIER LINKS

Best Practice Model to complete for each section

1. Consolidate learning on the topic e.g. quick quizzes from Seneca/Cognito/BBC Bitesize/EduCake or use of Flash cards (modelled in lesson) or watch summary videos (cognito) discussions with friends/parents/guardians using revision guides/knowledge organisers
2. Main section of revision
 - a. Complete past paper questions for this topic to challenge understanding and support long term memory
 - i. These can be done open book or closed book or a combination of both
 - ii. Mark schemes are just as important – use them to recognise key vocabulary / concepts not understood or identify misconceptions which need correcting
 - iii. Do not award yourself pity marks. If you did not use the correct vocabulary, you do not get the mark
3. Reflect – how confident are you on this topic?
 - a. Parents/Guardians – support these conversations
 - b. Option – RAG (Red/Amber/Green) the box below based on reflection
4. Additional Whole Papers include 2018, 2024 and 2025 (released around Easter 2026) There are also additional past paper questions by topic available on Cognito, Seneca and My Physics and Maths Tutor

Week Beginning	Biology	Chemistry	Physics
21/09/25	Nervous System Cognito Questions 1 Mark Scheme 1	Atomic Structure Cognito Questions Mark Scheme	Energy and Motion Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
28/09/25	Endocrine System Part I Cognito Questions Mark Scheme	Periodic Table Cognito Questions Mark Scheme	Electricity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
05/10/25	Endocrine System Part II (Reproductive hormones) Cognito Questions 1 Mark Scheme 1	Bonding (covalent, ionic and metallic) Cognito Questions Mark Scheme	Particle Model Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
12/10/25	Reproduction (Meiosis and Inheritance) Cognito Questions 1 Mark Scheme 1	Quantitative Chemistry Cognito Questions Mark Scheme	Waves Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2



19/10/25	Circulatory, Respiratory and Digestive System Cognito Questions Mark Scheme		
Half Term	Respiration Cognito Questions Mark Scheme	Chemical Changes Electrolysis Questions Electrolysis MS	
02/11/25		Chemical Changes II Reactions of Acids Questions Reactions of Acids MS Reactions of Metals Questions Reactions of Metals MS	Radioactivity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
09/11/25	Ecology Cognito Questions Mark Scheme Cognito Questions 2 Mark Scheme 2	Energy Changes Exo/Endothermic Questions Exo/Endothermic MS	
16/11/25		The rate and extent of chemical change Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II	Forces Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
23/11/25	Photosynthesis Cognito Questions Mark Scheme	Organic Chemistry Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II	
30/11/25	Plant Organs Cognito Questions Mark Scheme		Domestic Electricity Cognito Questions Cognito MS
07/12/25	Circulatory, Respiratory and Digestive System Cognito Questions Mark Scheme		Magnetism Cognito Questions 1 Mark Scheme Cognito Questions 2 Mark Scheme 2
14/12/25			
Christmas Break (2 weeks)	Cell Division & Transport in cells Cognito Questions Mark Scheme Cognito Questions 2 Mark Scheme 2	Paper I 2019 Combined Paper I FT Mark Scheme	Paper I 2019 Combined Physics Paper I FT Mark Scheme
04/01/26	Infection and Response Cognito Questions	Paper I 2020 Combined Paper I FT	Paper I 2020



	Mark Scheme	Mark Scheme	Combined Physics Paper 1 FT Mark Scheme
11/01/26	Variation and Evolution Cognito Questions Mark Scheme	Chemical Analysis and Chemistry of the atmosphere Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2	Energy and Motion Cognito Questions 1 Cognito MS 1
18/01/26	Paper 1 2019 Combined Biology Paper 1 FT Paper Mark Scheme	Using Resources Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2	Electricity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
25/01/26	Paper 1 2020 Combined Biology Paper 1 FT Paper Mark Scheme	Paper 2 2019 Combined Chemistry Paper 2 FT Mark Scheme	Particle Model Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
01/02/26	Nervous system Cognito Past Paper Questions Mark Scheme	Paper 2 2020 Combined Chemistry Paper 2 FT Mark Scheme	Waves Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
08/02/26	Cells and Cell Division Cognito Questions Mark Scheme Cognito Questions 2 Mark Scheme 2	Atomic structure and the Periodic Table Cognito Questions Mark Scheme Cognito Questions 2 Mark scheme 2	Radioactivity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
Half Term	Transport in cells Cognito Past Paper Questions Mark Scheme	Bonding Cognito Questions Mark Scheme	Forces Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
22/02/26	Respiration and Photosynthesis Cognito Questions Mark Scheme Cognito Questions Mark Scheme	Quantitative Chemistry Cognito Questions Mark Scheme Cognito Questions 2 Mark Scheme 2	Magnetism Cognito Questions 1 Mark Scheme Cognito Questions 2 Mark Scheme 2
01/03/26	Infection and Response Cognito Past Paper Questions Mark Scheme	Chemical Changes Electrolysis Questions Electrolysis MS Reactions of Acids Questions	



		Reactions of Acids MS Reactions of Metals Questions Reactions of Metals MS	
08/03/26	Ecology Cognito Questions Mark Scheme Cognito Questions 2 Mark Scheme 2	Rate and Extent of Chemical Reactions Exo/Endothermic Questions Exo/Endothermic MS Reversible Reactions Questions Reversible reactions MS Rates Questions Rates MS	Forces and Motion Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
15/03/26	Reproduction (Inheritance and Evolution) Cognito Questions 1 Mark Scheme Cognito Questions 2 Mark Scheme 2	Organic Chemistry Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II	Paper 2 2019 Combined Physics Paper 2 FT Mark Scheme
22/03/26	Paper 2 2019 Combined Biology Paper 2 FT Mark Scheme	Chemical Analysis, the atmosphere and using resources Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II Cognito Questions III Cognito MS III	Paper 2 2020 Combined Physics Paper 2 FT Mark Scheme
Easter Break	Paper 2 2020 Combined Biology Paper 2 FT Mark Scheme	Paper 1 2021 Combined Chemistry Paper 1 FT Mark Scheme	Paper 1 2021 Combined Physics Paper 1 FT Mark Scheme
12/04/26	Paper 1 2021 Combined Biology Paper 1 FT Mark Scheme	Paper 2 2021 Combined Chemistry Paper 2 FT Mark Scheme	Paper 2 2021 Combined Physics Paper 2 FT Mark Scheme
19/04/26	Paper 2 2021 Combined Biology Paper 2 FT Mark Scheme	Paper 1 2022 Combined Chemistry Paper 1 FT Mark Scheme	Paper 1 2022 Combined Physics Paper 1 FT Mark Scheme
26/04/26	Paper 1 2022 Combined Biology Paper 1 FT Mark Scheme	Paper 2 2022 Combined Chemistry Paper 2 FT Mark Scheme	Paper 2 2022 Combined Physics Paper 2 FT Mark Scheme
03/05/26	Paper 2 2022 Combined Biology Paper 2 FT Mark Scheme	Paper 1 2023 Combined Chemistry Paper 1 FT Mark Scheme	Paper 1 2023 Combined Physics Paper 1 FT Mark Scheme
Exam Season Begins	Additional Whole Papers include 2018, 2024 and 2025 (released around Easter 2026)		

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Year 11 Science Revision Plan (Combined Science AQA Trilogy)

HIGHER TIER LINKS

Best Practice Model to complete for each section

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28/09/25	Endocrine System Part I Cognito Questions Mark Scheme	Periodic Table Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Electricity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
05/10/25	Endocrine System Part II (Reproductive hormones)	Bonding (covalent, ionic and metallic) Cognito Past Paper Questions	Particle Model Cognito Questions 1 Cognito MS 1



	Cognito Past Paper Questions 1 Mark Scheme 1 Cognito Past Paper Questions 2 Mark Scheme 2	Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
12/10/25	Reproduction (Meiosis and Inheritance) Cognito Past Paper Questions 1 Mark Scheme 1 Cognito Past Paper Questions 2 Mark Scheme 2	Quantitative Chemistry Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Waves Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
19/10/25	Circulatory, Respiratory and Digestive System Cognito Past Paper Questions Mark Scheme	Chemical Changes Electrolysis Past Paper Questions Electrolysis MS	
Half Term	Respiration Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme	Chemical Changes II Reactions of Acids Questions Reactions of Acids MS Reactions of Metals Questions Reactions of Metals MS	
02/11/25			Radioactivity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
09/11/25	Ecology Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Energy Changes Exo/Endothermic Questions Exo/Endothermic MS	
16/11/25		The rate and extent of chemical change Cognito Questions 1 Cognito MS 1 Cognito Questions II	Forces Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
23/11/25	Photosynthesis Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions Mark Scheme	Organic Chemistry Cognito Questions 1 Cognito MS 1 Cognito Questions II Cognito MS II	



30/11/25	Plant Organs Cognito Past Paper Questions Mark Scheme		Domestic Electricity Cognito Questions Cognito MS
07/12/25	Circulatory, Respiratory and Digestive System Cognito Past Paper Questions Mark Scheme		Magnetism Cognito Past Paper Questions 1 Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2
14/12/25			
Christmas Break (2 weeks)	Cell Division and Transport in cells Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Paper 1 2019 Combined Paper 1 HT Mark Scheme	Paper 1 2019 Combined Physics Paper 1 HT Mark Scheme
04/01/26	Infection and Response Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme	Paper 1 2020 Combined Paper 1 HT Mark Scheme	Paper 1 2020 Combined Physics Paper 1 HT Mark Scheme
11/01/26	Variation and Evolution Cognito Past Paper Questions Mark Scheme	Chemical Analysis and Chemistry of the atmosphere Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II Cognito Questions III Cognito MS III	Energy and Motion Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
18/01/26	Paper 1 2019 Combined Biology Paper 1 HT Paper Mark Scheme	Using Resources Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II	Electricity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
25/01/26	Paper 1 2020 Combined Biology Paper 1 HT Paper Mark Scheme	Paper 2 2019 Combined Chemistry Paper 2 HT Mark Scheme	Particle Model Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
01/02/26	Nervous system and Endocrine System Cognito Past Paper Questions I Mark Scheme I	Paper 2 2020 Combined Chemistry Paper 2 HT Mark Scheme	Waves Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2



	Cognito Past Paper Questions 2 Mark Scheme 2		
08/02/26	Cells, Division and Transport Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Atomic structure and the Periodic Table Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark scheme 2	Radioactivity Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2
Half Term	Circulatory, Respiratory and Digestive System Cognito Past Paper Questions Mark Scheme	Bonding Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Forces Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
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08/03/26	Ecology Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Rate and Extent of Chemical Reactions Exo/Endothermic Questions Exo/Endothermic MS Reversible Reactions Questions Reversible reactions MS Rates Questions Rates MS	Forces and Motion Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3 Cognito MS 3
15/03/26	Reproduction (Inheritance and Evolution) Cognito Past Paper Questions 1 Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Organic Chemistry Cognito Questions 1 Cognito MS 1 Cognito Questions II Cognito MS II	Paper 2 2019 Combined Physics Paper 2 HT Mark Scheme



	<u>Cognito Past Paper Questions 3</u> <u>Mark Scheme 3</u>		
22/03/26	Paper 2 2019 <u>Combined Biology Paper 2 HT</u> <u>Mark Scheme</u>	Chemical Analysis, the atmosphere and using resources <u>Cognito Questions I</u> <u>Cognito MS I</u> <u>Cognito Questions II</u> <u>Cognito MS II</u>	Paper 2 2020 <u>Combined Physics Paper 2</u> <u>HT</u> <u>Mark Scheme</u>
Easter Break	Paper 2 2020 <u>Combined Biology Paper 2 HT</u> <u>Mark Scheme</u>	Paper 1 2021 <u>Combined Chemistry Paper 1</u> <u>HT</u> <u>Mark Scheme</u>	Paper 1 2021 <u>Combined Physics Paper 1</u> <u>HT</u> <u>Mark Scheme</u>
12/04/26	Paper 1 2021 <u>Combined Biology Paper 1 HT</u> <u>Mark Scheme</u>	Paper 2 2021 <u>Combined Chemistry Paper 2</u> <u>HT</u> <u>Mark Scheme</u>	Paper 2 2021 <u>Combined Physics Paper 2</u> <u>HT</u> <u>Mark Scheme</u>
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26/04/26	Paper 1 2022 <u>Combined Biology Paper 1 HT</u> <u>Mark Scheme</u>	Paper 2 2022 <u>Combined Chemistry Paper 2</u> <u>HT</u> <u>Mark Scheme</u>	Paper 2 2022 <u>Combined Physics Paper 2</u> <u>HT</u> <u>Mark Scheme</u>
03/05/26	Paper 2 2022 <u>Combined Biology Paper 2 HT</u> <u>Mark Scheme</u>	Paper 1 2023 <u>Combined Chemistry Paper 1</u> <u>HT</u> <u>Mark Scheme</u>	Paper 1 2023 <u>Combined Physics Paper 1</u> <u>HT</u> <u>Mark Scheme</u>
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