

Separate Chemistry

Year 11 Mock Exam Information

Exam specification and exam board	AQA - Chemistry GCSE 8462 Specification
Past papers available at	Paper 1 - AQA Paper 1 GCSE Chemistry Past Papers Paper 2 - AQA Paper 2 GCSE Chemistry Past Papers
Useful revision websites	AQA GCSE (9-1) Chemistry Revision - PMT
<u>MOCK EXAM INFORMATION</u>	<u>1 hr 45 minutes – 100 marks total</u>
Topics covered in mock	Topic 1 – Atomic Structure and the Periodic Table - FT only Topic 2 – Structure and Bonding Topic 3 – Quantitative Chemistry (Concentration and Titration only) Topic 4 – Chemical Changes (Not Reactions of Metals) Topic 6 – Rates and Extent of Chemical Change Topic 7 – Organic Chemistry Topic 9 – Chemistry of the Atmosphere
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 [full year plan](#).

Year 11 Science Revision Plan (Separates Science AQA Trilogy)

HIGHER 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 Past Paper Questions 1 Mark Scheme 1 Cognito Past Paper Questions 2 Mark Scheme 2	Atomic Structure Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 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 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) Cognito Past Paper Questions 1 Mark Scheme 1	Bonding (covalent, ionic and metallic) Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Particle Model Cognito Questions 1 Cognito MS 1 Cognito Questions 2 Cognito MS 2 Cognito Questions 3



	Cognito Past Paper Questions 2 Mark Scheme 2		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 I Reactions of Acids Questions Reactions of Acids MS Reactions of Metals Questions Reactions of Metals MS	
Half Term	Respiration Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme	Chemical Changes II Electrolysis Past Paper Questions Electrolysis 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 2	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 2 Cognito MS 2	



30/11/25	Plant Organs Cognito Past Paper Questions Mark Scheme	Chemistry of the Atmosphere AQA GCSE Chemistry Topic 9: Chemistry of the Atmosphere Revision - PMT	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 Chemistry Paper 1 HT Mark Scheme	Paper 1 2019 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 Chemistry Paper 1 HT Mark Scheme	Paper 1 2020 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 I Cognito MS I Cognito Questions 2 Cognito MS 2
18/01/26	Paper 1 2019 Biology Paper 1 HT Paper Mark Scheme	Using Resources Cognito Questions I Cognito MS I Cognito Questions II Cognito MS II	Electricity hCognito Questions I Cognito MS I Cognito Questions 2 Cognito MS 2
25/01/26	Paper 1 2020 Biology Paper 1 HT Paper Mark Scheme	Paper 2 2019 Chemistry Paper 2 HT Mark Scheme	Particle Model Cognito Questions I Cognito MS I 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 Chemistry Paper 2 HT Mark Scheme	Waves Cognito Questions I Cognito MS I Cognito Questions 2



	Cognito Past Paper Questions 2 Mark Scheme 2		Cognito MS 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
22/02/26	Respiration and Photosynthesis Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions Mark Scheme	Quantitative Chemistry Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2	Magnetism Cognito Past Paper Questions 1 Mark Scheme Cognito Past Paper Questions 2 Mark Scheme 2
01/03/26	Infection and Response Cognito Past Paper Questions Mark Scheme Cognito Past Paper Questions Mark Scheme	Chemical Changes Electrolysis Past Paper Questions Electrolysis MS Reactions of Acids Questions Reactions of Acids MS Reactions of Metals Questions Reactions of Metals MS	Space Cognito Questions 1 Mark Scheme 1 Cognito Questions 2 Mark Scheme 2
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 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>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>Physics Paper 2 HT</u> <u>Mark Scheme</u>
Easter Break	Paper 2 2020 <u>Biology Paper 2 HT</u> <u>Mark Scheme</u>	Paper 1 2021 <u>Chemistry Paper 1 HT</u> <u>Mark Scheme</u>	Paper 1 2021 <u>Physics Paper 1 HT</u> <u>Mark Scheme</u>
12/04/26	Paper 1 2021 <u>Biology Paper 1 HT</u> <u>Mark Scheme</u>	Paper 2 2021 <u>Chemistry Paper 2 HT</u> <u>Mark Scheme</u>	Paper 2 2021 <u>Physics Paper 2 HT</u> <u>Mark Scheme</u>
19/04/26	Paper 2 2021 <u>Biology Paper 2 HT</u> <u>Mark Scheme</u>	Paper 1 2022 <u>Chemistry Paper 1 HT</u> <u>Mark Scheme</u>	Paper 1 2022 <u>Physics Paper 1 HT</u> <u>Mark Scheme</u>
26/04/26	Paper 1 2022 <u>Biology Paper 1 HT</u> <u>Mark Scheme</u>	Paper 2 2022 <u>Chemistry Paper 2 HT</u> <u>Mark Scheme</u>	Paper 2 2022 <u>Physics Paper 2 HT</u> <u>Mark Scheme</u>
03/05/26	Paper 2 2022 <u>Biology Paper 2 HT</u> <u>Mark Scheme</u>	Paper 1 2023 <u>Chemistry Paper 1 HT</u> <u>Mark Scheme</u>	Paper 1 2023 <u>Physics Paper 1 HT</u> <u>Mark Scheme</u>
Exam Season Begins	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		