

Science GCSE Combined & Triple Science

Information and Advice for Success in
GCSE Science

Dates for the 2026 Triple and Combined Science exams:

AQA Science Exam Schedule

Combined & Triple Science

Biology Paper 1: Tuesday, 12 May 2027

Biology Paper 2: Tuesday, 16 June 2027

Chemistry Paper 1: Wednesday, 13 May 2027

Chemistry Paper 2: Wednesday, 17 June 2027

Physics Paper 1: Thursday, 14 May 2027

Physics Paper 2: Thursday, 16 June 2027

Length of each paper

**Triple Science: 1 hour and 45 minutes
(100 marks)**

**Combined Science 1 hour and 15 minutes
70 marks**

What happens between now and then?

- Continued coverage of the curriculum
- Mock exams in October and March
- October mock two to three papers from the Paper 1 series
- March mock- two to three papers from the Paper 2 Series
- Homework
- Independent study (Triple and Combined H)
- Revision! Start early and gradually build up

May 2027					
	Monday	Tuesday	Wednesday	Thursday	Friday
	3	4	5	6	7
	10	11	12	13	14
	17	18	19	20	21
	24	25	26	27	28
	31				

Content in each paper Triple Science

Biology paper 1- Topics 1,2,3,4

Chemistry paper 1 Topics 1,2,3,4,5

Physics paper 1- Topics 1,2,3,4

Biology paper 2 – Topics 5,6,7

Chemistry paper 2- Topics 6,7,8,9,10

Physics paper 2- Topics 5,6,7,8

Revision and practice through homework



Pupils receive bi-weekly homework through the Carousel Learning Platform. This include flashcards to recall and revise areas of knowledge and then a quiz to take.

Pupils then self-mark the answers to see where they need to improve.

Pupils will also be set practice exam questions via Exampro Onscreen.

Tier of Entry

- There are two tiers in both Combined Science and Triple Science.
- Higher tier & Foundation Tier
- We don't normally enter pupils for Triple foundation- Would move to Combined Higher or Combined foundation
- Combined Higher-
Lowest mark 4-3. A score lower than this threshold scores a U grade-
- **Will need to achieve a grade 5-5 in both mocks to be entered for higher tier in May.**
- Combined Foundation-
Easier and shorter response questions but need a lot more marks to score a 4-4 grade.

AQA

Please write clearly in block capitals.

Centre number Candidate number

Surname _____
Forename(s) _____
Candidate signature _____
I declare this is my own work.

GCSE
COMBINED SCIENCE: TRILOGY **H**

Higher Tier
Chemistry Paper 1H

Monday 19 May 2025 Morning Time allowed: 1 hour 15 minutes

Materials
For this paper you must have:
• a ruler
• a scientific calculator
• the periodic table (enclosed).

Instructions
• Use black ink or black ball-point pen.
• Pencil should only be used for drawing.
• Fill in the boxes at the top of this page.
• Answer **all** questions in the spaces provided.
• If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
• Do all rough work in this book. Cross through any work you do not want to be marked.
• In all calculations, show clearly how you work out your answer.

Information
• The maximum mark for this paper is 70.
• The marks for questions are shown in brackets.
• You are expected to use a calculator where appropriate.
• You are reminded of the need for good English and clear presentation in your answers.

For Examiner's Use

Question	Mark
1	
2	
3	
4	
5	
6	
7	
TOTAL	

Barcode: JUN256464C1H01
For more try 8464/C1H

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GCSE
COMBINED SCIENCE: TRILOGY **F**

Foundation Tier
Biology Paper 2F

Monday 11 June 2018 Morning Time allowed: 1 hour 15 minutes

Materials
For this paper you must have:
• a ruler
• a scientific calculator.

Instructions
• Use black ink or black ball-point pen.
• Fill in the boxes at the top of this page.
• Answer **all** questions in the spaces provided.
• Do all rough work in this book. Cross through any work you do not want to be marked.
• In all calculations, show clearly how you work out your answer.

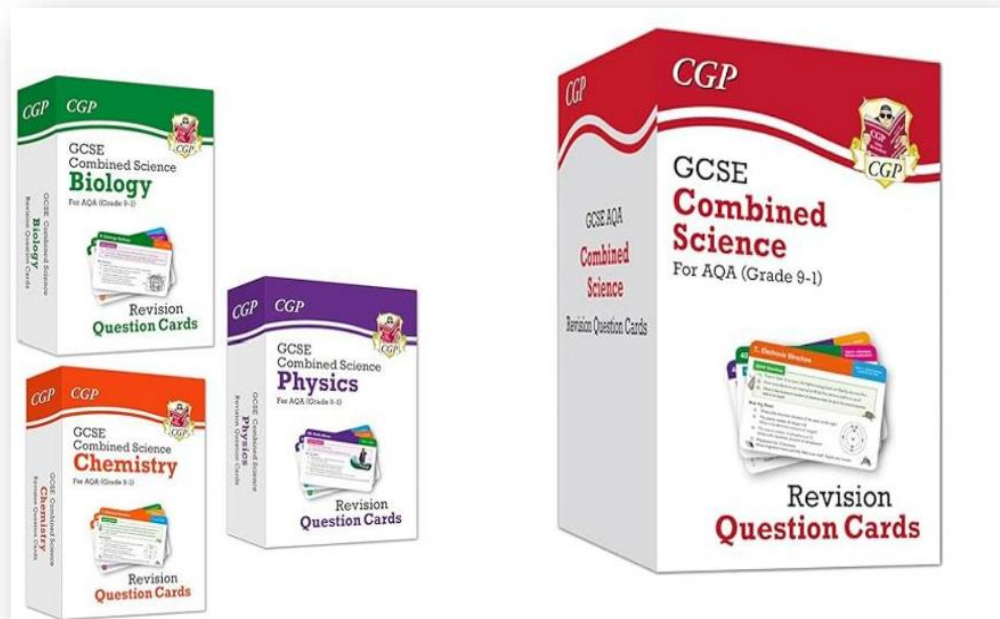
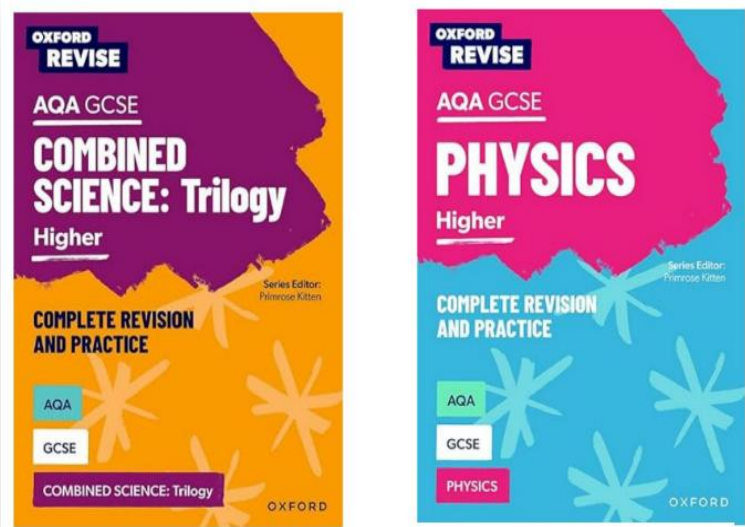
Information
• The maximum mark for this paper is 70.
• The marks for questions are shown in brackets.
• You are expected to use a calculator where appropriate.
• You are reminded of the need for good English and clear presentation in your answers.

For Examiner's Use

Question	Mark
1	
2	
3	
4	
5	
6	
7	
TOTAL	

Barcode: JUN186464B2F01
8464/B/2F

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You may already have some or all of these

The Oxford Revise Complete Revision and Practice books are a good resource as they have lots of practice questions to attempt.

CGP Flash cards

A ready-made set of flash cards for Triple or Combined Science.

Great tool for individual or co-revision.

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Please write clearly in block capitals.

Centre number

Candidate number

Surname

Forename(s)

Candidate signature

I declare this is my own work.

GCSE CHEMISTRY

Higher Tier Paper 1

H

Monday 19 May 2025 Morning Time allowed: 1 hour 45 minutes

Materials

For this paper you must have:

- a ruler
- a scientific calculator
- the periodic table (enclosed).

Instructions

- Use black ink or black ball-point pen.
- Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 100.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- In all calculations, show clearly how you work out your answer.
- You are reminded of the need for good English and clear presentation in your answers.



JUN2584621H01

IB/M/Jun/25/G4007/E11

8462/1H

3

01.4 Which homologous series has C_4H_{10} as a member? [1 mark]

Tick (✓) one box.

Alcohols ☐

Alkanes ☐

Alkenes ☒

Carboxylic acids ☐

01.5 Complete Figure 1 to show the displayed structural formula of C_4H_{10} . [1 mark]

Figure 1

H H H H H H H H

H C C C C C - C H

H H H H H H H H

01.6 Petrol contains C_4H_{10} . [1 mark]

Petrol is burned in car engines.

What general name is used to describe petrol when petrol is burned to release energy?

Question 1 continues on the next page

Turn over



0 3

03/06/2025

4

01.7 Atmospheric pollutants are formed when C_4H_{10} undergoes incomplete combustion. [2 marks]

Complete the sentences.

Choose answers from the box.

ammonia	carbon monoxide	coal
soot	sulfur	sulfur dioxide

The solid atmospheric pollutant formed during incomplete combustion of C_4H_{10} is _____.

The gaseous atmospheric pollutant formed during incomplete combustion of C_4H_{10} is _____.

01.8 A different organic compound (C_4H_{10}) can be broken down to produce C_2H_4 and one other compound. [1 mark]

Complete the equation for the reaction.

$C_4H_{10} \rightarrow C_2H_4 + C_H_$



0 4

03/06/2025

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.4	alkanes		1	AO2 4.7.1.1

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.5	$\begin{array}{ccccccc} & H & H & H & H & H & H \\ & & & & & & \\ H & - C & - C & - C & - C & - C & - H \\ & & & & & & \\ & H & H & H & H & H & H \end{array}$		1	AO2 4.7.1.1

MARK SCHEME – GCSE CHEMISTRY – 8462/01 – JUNE 2024

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.6	fuel	allow fossil fuel	1	AO1 4.9.1.3

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.7	soot		1	AO1 4.9.1.1
	carbon monoxide		1	

Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.8	C_2H_4		1	AO2 4.7.1.4

[AQA GCSE Biology Past Papers \[PDFs & Mark Schemes\]](#)

[AQA GCSE Chemistry Past Papers \[PDFs & Mark Schemes\]](#)

[AQA GCSE Physics Past Papers \[PDFs & Mark Schemes\]](#)

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How to use past papers to revise

1. Attempt a practice paper. Complete all possible questions.
2. Use the official mark scheme to mark and correct answers, paying careful attention to key vocabulary or phrasing required to get the mark.
*E.g. in an answer to describe the effects of climate change, stating flooding would score zero marks. You would need to say **more flooding** as flooding happens anyway; climate change will just make it more frequent or extreme.*
3. Any questions that were left blank- make a note and then use revision resources to study this area and review the mark scheme.
4. Attempt the paper again. Aim to improve your answers/scores until you have achieved the score you are happy with.

The image displays three screenshots from a chemistry practice paper and its corresponding mark scheme.

Left Screenshot (Question 1): A multiple-choice question asking for the homologous series for C_4H_8 . The options are Alkenes, Alkanes, Alkynes, and Carboxylic acids. A handwritten '1' is next to 'Alkenes'.

Middle Screenshot (Question 2): A question asking to complete the sentence: 'The most abundant greenhouse gas formed during incomplete combustion of C_4H_{10} is...'. The options are carbon monoxide, water, carbon dioxide, and sulfur dioxide. A handwritten '1' is next to 'carbon dioxide'.

Right Screenshot (Question 3): A question asking to complete the sentence: 'A different organic compound (C_4H_{10}) can be broken down to produce CO_2 and one other compound'. The options are carbon monoxide, water, carbon dioxide, and sulfur dioxide. A handwritten '1' is next to 'carbon dioxide'.

Bottom Screenshot (Question 4): A question asking to complete the sentence: 'The most abundant greenhouse gas formed during incomplete combustion of C_4H_{10} is...'. The options are carbon monoxide, water, carbon dioxide, and sulfur dioxide. A handwritten '1' is next to 'carbon dioxide'.

Other key areas of revision

Each Paper will have several required practical questions.

They make up 15% of the marks on each paper. They are most commonly asked to write a method for this experiment.

- Watch the videos on free science lessons and Malmsbury Education on each required practical.
- Make notes and then see if you can write a method from memory.
- If not, rewatch and try again until you can. Remember CIDER for methods

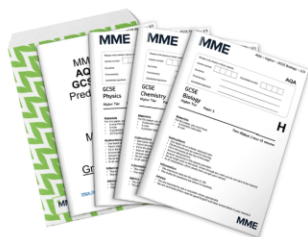
Control variables

Independent variable

Dependent variables

Equipment and steps

Repeats and mean

★★★★★ [Read all \(6 customer reviews\)](#)

Sale!

AQA GCSE Triple Science Predicted Papers 2026

Our AQA GCSE Triple Science Predicted Papers are produced to the same high standard as real exam papers. Every question is written and reviewed by experienced subject specialists to ensure the difficulty, structure and presentation closely reflect genuine AQA GCSE Triple Science exams at Higher tier. Each pack includes professionally printed papers alongside physical mark schemes, giving students an accurate, exam-style experience that cannot be replicated using PDFs or generic revision sheets. These predicted papers are available exclusively from MME.

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Usually available around early April to buy

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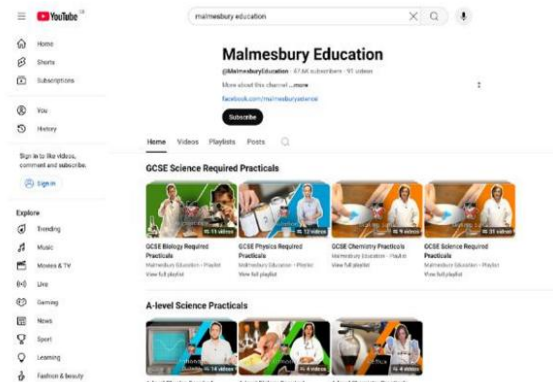
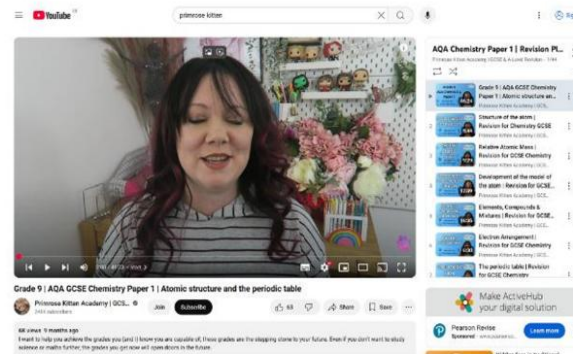
Good places to find revision material:

[GCSE Revision Videos | freesciencelessons](#)

[\(173\) Primrose Kitten Academy | GCSE & A-Level Revision – YouTube](#)

[Free Maths & Science Revision and Past Papers for A-Level, GCSE and KS3 | Cognito](#)

[\(173\) Malmesbury Education - YouTube](#)



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Social Media support

- [I Bet You Don't Know These Chemistry Basics](#) 



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@savemyexams

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@studywithb819

Approximate grade boundaries

To be successful in GCSE Science you don't need to get every question correct. These are the grade boundaries from science exams for the past few years and the average.

Combined H

Year	9-9	9-8	8-8	8-7	7-7	7-6	6-6	6-5	5-5	5-4	4-4	4-3
2025	71	67	63	58	54	49	44	39	33	28	23	20
2024	69	64	60	55	51	46	41	36	32	27	22	20
2023	69	65	61	56	52	47	43	38	33	28	24	21
2019	64	60	56	51	47	43	38	34	29	25	21	19
Average	68.3	64.0	60.0	55.0	51.0	46.3	41.5	36.8	31.8	27.0	22.5	20.0

Combined Foundation

Year	5-5	5-4	4-4	4-3	3-3	3-2	2-2	2-1	1-1
2025	65	60	55	48	41	35	28	21	15
2024	63	58	54	47	41	34	28	21	15
2023	64	60	55	48	41	35	28	22	15
2019	56	53	48	41	35	28	22	16	10
Average	62.0	57.8	53.0	46.0	39.5	33.0	26.5	20.0	13.8

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Approximate grade boundaries

To be successful in GCSE Science you don't need to get every question correct. These are the grade boundaries from science exams for the past few years and the average.

Biology

Year	9	8	7	6	5	4	3
2025	71	64	57	47	38	28	23
2024	71	63	56	45	35	24	19
2023	66	59	52	43	35	26	22
2019	67	60	54	45	36	28	23
Average	68.0	60.7	54.0	44.3	35.3	26.0	21.3

Chemistry

Year	9	8	7	6	5	4	3
2025	75	66	58	45	33	21	15
2024	75	65	56	45	34	23	18
2023	75	66	57	46	35	24	19
2019	72	63	54	44	35	25	20
Average	74.3	65.0	56.3	45.0	34.3	23.3	18.0

Physics

Year	9	8	7	6	5	4	3
2025	76	70	63	54	44	35	31
2024	76	68	61	52	43	34	29
2023	74	67	60	51	42	34	29
2019	72	63	54	45	35	26	21
Average	75.0	67.0	60.0	51.0	41.0	32.0	27.0

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Support from the Science Faculty

Nearer exam season the Science Faculty revision support timetable will be released to pupils

This includes dates and times where staff are available outside of school hours to help with revision.

Including: After school drop-in sessions, Saturday online revision sessions, Sunday mornings at McDonald's

Week beginning 26 th May Half Term	KNL Combined Science SH 10- 12pm	RON Triple Science CH 10-12pm	AWI Triple science SH 2-4pm		THT Combined Science 10-12		
Week beginning 2 nd June [1]		SH THT 3-4 Biology paper 2 (foundation)	SH JLN 3-4pm Biology Paper 2	SH CCD 3-4.30pm Biology Paper 2	Ch RON + AWN 3-4pm SH AWI 3-4pm Biology paper 2	Saturday sesh 11 am -12.30am Virtual revision session KNL	Revision @  8:30- 10 am KNL
Week beginning 9 th June [2]	Breakfast session with your normal class teacher 8-8:55 Biology paper 2 exam morning	SH THT 3-4 Chemistry paper 2 (foundation)	SH JLN 3-4pm Chemistry Paper 2 SH AWI 3-4pm Chemistry paper 2	Evening revision session 3-7 pm Sh KNL (CCD 3 - 4.30 pm) 3-6 pm Ch RON + EST 3-4	Breakfast session with your normal class teacher 8-8:55 Chemistry paper 2 exam Morning	Saturday sesh 11 am -12.30am Virtual revision session KNL	Revision @  8:30- 10 am KNL
Week beginning 16 th June [1]	Breakfast session with your normal class teacher 8- 8:55 Physics paper 2 exam Morning IT'S OVER!!!!!!						

Contact

- Any questions or advice
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