GCSE Combined Science Revision Plan

Week	Biology	Chemistry	Physics
1 13.01.25	Cell structure, division + transport F p2-31 H p2-31	The atom + Periodic Table F p180-189, 210-219 H p184-193, 214-223	Energy stores + transfers F p318-325 H p336-345
2 20.01.25	Organisation in animals F p32-51 H p32-51	Covalent bonding F p190-199 H p194-203	National + global energy resources F p326-335 H p346-355
3 27.01.25	Organisation in plants F p52-61 H p52-61	Ionic + metallic bonding + structure F p200-209 H p204-213	Supplying electricity + circuits F p336-355 H p356-375
4 03.02.25	Spread of diseases (communicable) F p62-71 H p62-71	Quantitative chemistry (calculations) F p220-229 H p224-233	Energy of matter F p356-365 H p376-385
5 10.02.25	Preventing + treating disease F p72-81 H p72-81 Non-communicable diseases F p82-91 H p82-91	Reactions of metals F p230-239 H p234-243 Reactions of acids F p230-239 H p244-253	Atoms F p366-375 H p386-395
6 17.02.25 Half Term	Photosynthesis F p92-101 H p92-101	Electrolysis F p240-249 H p254-263	Nuclear radiation F p376-385 H p396-405
7 24.02.25	Respiration F p92-101 H p102-111	Energy Changes F p250-257 H p264-273	Forces F p386-395 H p406-415
8 03.03.25	Nervous system F p102-111 H p 112-121 Hormonal coordination (endocrine) F p112-121 H p122-133	Rate of reaction F p258-267 H p274-283 Equilibrium (reversible) F p268-275 H p284-293	Speed F p396-405 H p416-425
9 10.03.25	Variation F p122-131 H p134-143 Reproduction F p132-141 H p144-153	Crude oil+ fuels F p276-285 H p294-303	Newton's laws of motion F p406-415 H p426-435
10 17.03.25	Evolution F p142-151 H p154-163	Chemical analysis F p286-295 H p304-313	Mechanical waves F p416-425 H p436-445

11 24.03.25	Adaptations F p152-161 H p164-173	Earth's atmosphere F p296-305 H p314-323	Electromagnetic waves F p416-425 H p446-455
12 31.03.25	Ecosystems + biodiversity F p162-179 H p174-183	Using Earth's resources F p306-317 H p324-335	Magnets + electromagnets F p426-435 H p456-465
13 07.04.25 Easter	Practice Past Paper 1	Practice Past Paper 1	Practice Past Paper 1
14 14.04.25 Easter	Practice Past Paper 2	Practice Past Paper 2	Practice Past Paper 2
15 21.04.25	Cell biology Organisation	Atomic structure & periodic table Bonding, structure & properties of matter	Energy Electricity
16 28.04	Infection & response Bioenergetics	Quantitative chemistry	Particle model of matter Atomic structure
17 05.05	Required practicals	Chemical changes Energy changes	Required practicals
18 12.05	**Biology paper 1** **Tuesday 13th May**	Required practicals	*Your choice*
19 19.05	Homeostasis	**Chemistry paper 1** **Monday 19th May**	**Physics paper 1** **Thursday 22nd May**
20 26.05 Half Term	Inheritance, variation + evolution	Rates, equilibrium + organic chemistry	Forces
21 02.06	Ecology	Analysis Earth's resources	Waves
22 09.06	**Biology paper 2** **Monday 9th June**	**Chemistry paper 2** **Friday 13th June**	Magnetism + electromagnetism
23 16.06			**Physics paper 2** **Monday 16th June**

**page numbers are for the Oxford Revise Revision & Practice Guides AQA GCSE 9-1 Combined Science: Trillogy*

Try and do 45 minutes to an hour then stop and do something else.

As well as revising the content using the suggested resources, you need to practice applying your knowledge to exam questions. Try to give the best answer you can, looking at the marks available to see how much you need to write. If you don't know the answer, this should be a trigger to look at the content again.
Once answered, use the mark scheme to review and improve.

What's in the papers?

Biology Paper 1

What's assessed

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.

Chemistry Paper 1

What's assessed

Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.

Physics Paper 1

What's assessed

Physics topics 18–21: Energy; Electricity; Particle model of matter; and Atomic structure.

How it's assessed

- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.

Biology Paper 2

What's assessed
Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

How it's assessed
- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions
Multiple choice, structured, closed short answer, and open response.

Chemistry Paper 2

What's assessed
Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.
Questions in Paper 2 may draw on fundamental concepts and principles from Sections 5.1 to 5.3.

How it's assessed
- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

Questions
Multiple choice, structured, closed short answer, and open response.

Physics Paper 2

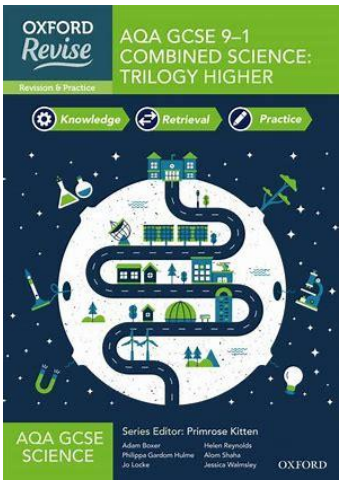
What's assessed
Physics topics 22–24: Forces; Waves; and Magnetism and electromagnetism

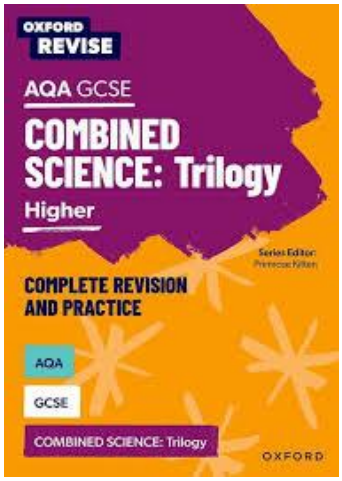
How it's assessed
- Written exam: 1 hour 15 minutes
- Foundation and Higher Tier
- 70 marks
- 16.7% of GCSE

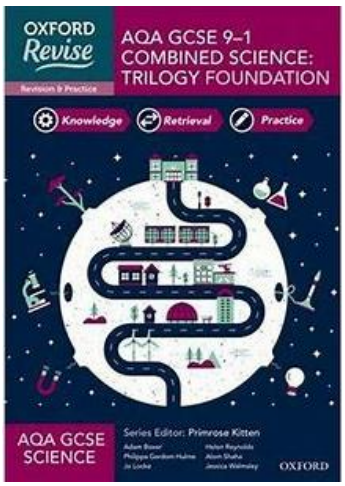
Questions
Multiple choice, structured, closed short answer, and open response.

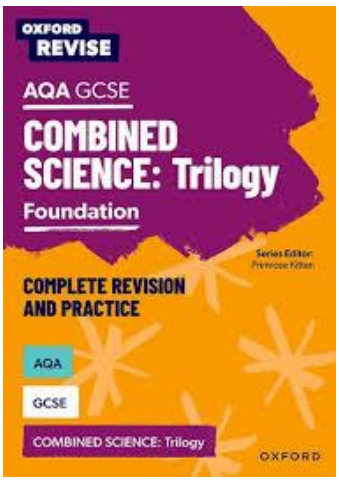
Resources

1- Oxford Revise Revision and Practice Guide









2- BBC Bitesize
https://www.bbc.co.uk/bitesize/examspecs/z8r997h

3- Kerboodle textbook (online)
https://www.kerboodle.com/users/login
Username: 20fsurname *(20 followed by first letter of first name followed by surname)*
Institution code: pru3
AQA GCSE Sciences (9-1)
AQA GCSE (Biology/Chemistry/Physics) for Combined Sciences: Trilogy

4- Seneca
https://app.senecalearning.com/login
Add courses (Combined Science Biology/Chemistry/Physics: AQA GCSE (Foundation/Higher)

5- Cognito (some videos contain Triple content)
https://www.youtube.com/channel/UCaGEe4KXZrjou9kQx6ezG2w

6- Quizlet
https://quizlet.com/gb

7- Primrose kitten (some videos contain Triple content)
Biology playlist:
https://www.youtube.com/playlist?list=PL7O6CcKg0HaGnykp12D8yVee_SEQdaEHH

Chemistry playlist:
https://www.youtube.com/playlist?list=PL7O6CcKg0HaGhn5E_LwNPH69bagsYQaJs

Physics playlist:
https://www.youtube.com/playlist?list=PL7O6CcKg0HaFYC_J92AxS1pfepJJK8kxt

8- Freesciencelessons (some videos contain Triple content)
https://www.youtube.com/@Freesciencelessons

Science revision sessions to help you with required practicals are **Monday afterschool**.