

Year 11 Session content:

- **Year 11:**
- Preparing for mocks
- Content & skills to be assessed
- Revision skills & revision timetable

Assessment

Mock Exam Information



Mock times

Complete paper for Biology, Chemistry and Physics

1 Hour 15 minutes per paper OR 1 hour 45 minutes (triple)

This is half of the expected exams at the end of the year for your GCSEs.
You will have two papers of this length for each Science.

Biology -17th Chemistry- 21st Physics- 23rd October

Combined Science –

6 Exams

Biology	Chemistry	Physics	Each 1 Hour 15 Minutes – 70 Marks 2 GCSEs
Paper 1	Paper 1	Paper 1	
Paper 2	Paper 2	Paper 2	
1 Combined Grade worth 2 GCSEs			

Triple Science –

6 Exams

Biology	Chemistry	Physics
Paper 1	Paper 1	Paper 1
Paper 2	Paper 2	Paper 2
Biology Grade	Chemistry Grade	Physics Grade

Each 1 Hour **45** Minutes – **100** Marks

3 GCSEs

30 Minutes extra per paper
30 Marks extra per paper
1 Extra GCSE



Revision timetable- Weds week A, Tuesday Week B

Year 11 Revision Timetable – Autumn 2024

Monday A	Tuesday A	Wednesday A	Thursday A	Friday A
Lunchtime				
<ul style="list-style-type: none"> French – 6 Spanish - 5 	<ul style="list-style-type: none"> RS - 41 	<ul style="list-style-type: none"> PE – HUB Computing – 28 History – 2 Geography - 43 		
After School				
<ul style="list-style-type: none"> English Language – 163 Music History - 52 	<ul style="list-style-type: none"> History – 52 Art/Photography - 35 Film – 65 PE – HUB Technology – 9a 	<ul style="list-style-type: none"> Maths Tutoring – 5 Drama – 25 Media – 65 PD – 9a Science - 17 	<ul style="list-style-type: none"> PE – HUB Yr10 Dance – 24 RS – 40 Maths - Upstairs Spanish - 29 	<ul style="list-style-type: none"> Geography - 43
Monday B	Tuesday B	Wednesday B	Thursday B	Friday B
Lunchtime				
<ul style="list-style-type: none"> French – 6 Spanish - 5 	<ul style="list-style-type: none"> RS - 41 	<ul style="list-style-type: none"> PE – HUB History – 2 Geography - 43 	<ul style="list-style-type: none"> Computing - 28 	
After School				
<ul style="list-style-type: none"> English Language – 163 Music History - 52 	<ul style="list-style-type: none"> Art/Photography - 35 Film – 65 PE – HUB Science – 17 Technology – 9a 	<ul style="list-style-type: none"> Maths Tutoring - 5 Drama – 25 Media – 65 PD – 9a 	<ul style="list-style-type: none"> PE – HUB Yr10 (Dance) - 24 RS – 40 Maths - Upstairs Spanish - 29 	<ul style="list-style-type: none"> Geography – 43

Content

Trilogy- Builds on KS3 and Year 9 & 10



Biology

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Chemistry

8. Atomic structure and the periodic table
9. Bonding, structure, and the properties of matter
10. Quantitative chemistry
11. Chemical changes
12. Energy changes
13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere
17. Using resources

Physics

18. Energy
19. Electricity
20. Particle model of matter
21. Atomic structure
22. Forces
23. Waves
24. Magnetism and electromagnetism

Content

Scientific Skills- Assessed in exams



- Practical skills- Required practicals
- Exam technique
- Numeracy
- Literacy

The screenshot shows the YouTube channel for Malmesbury Education. The channel has 45.4K subscribers and 91 videos. The profile picture is a circular logo featuring a shield with a cross and a book, surrounded by an atomic symbol. The channel name is 'Malmesbury Education' with the handle '@MalmesburyEducation'. Below the name, it says 'More about this channel ...more' and provides a link to 'facebook.com/malmesburyscience'. A 'Subscribe' button is visible. The video tab is selected, showing a list of playlists. The first playlist is 'GCSE Science Required Practicals', which contains four sub-playlists: 'GCSE Biology Required Practicals' (11 videos), 'GCSE Physics Required Practicals' (12 videos), 'GCSE Chemistry Practicals' (9 videos), and 'GCSE Science Required Practicals' (31 videos). Each sub-playlist has a thumbnail image showing a person in a lab coat performing a practical experiment.

Malmesbury Education
@MalmesburyEducation · 45.4K subscribers · 91 videos
More about this channel ...more
facebook.com/malmesburyscience
Subscribe

Home Videos Playlists Community

GCSE Science Required Practicals

- GCSE Biology Required Practicals**
Malmesbury Education · Playlist
View full playlist
- GCSE Physics Required Practicals**
Malmesbury Education · Playlist
View full playlist
- GCSE Chemistry Practicals**
Malmesbury Education · Playlist
View full playlist
- GCSE Science Required Practicals**
Malmesbury Education · Playlist
View full playlist

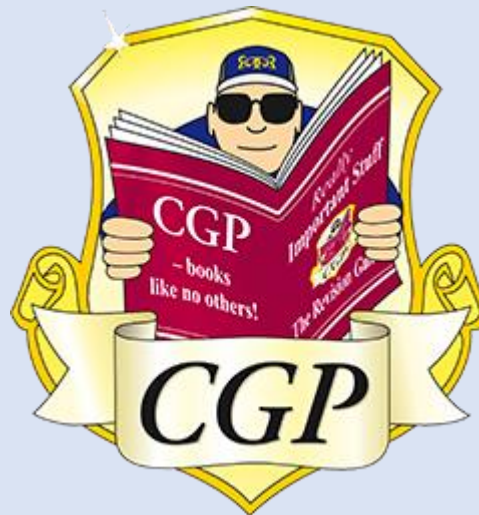
[Malmesbury Education - YouTube](https://www.youtube.com/channel/UCMalmesburyEducation)

Revision

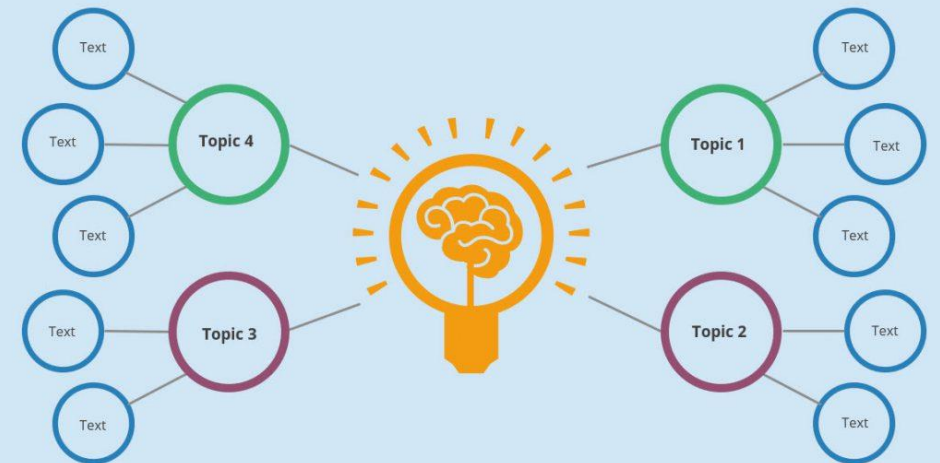
Revision techniques- Active not passive



- Mind maps, quizzes, answering questions.
- Knowledge organise
- Exam questions
- Review answers
- Resources to purchase



MIND MAP

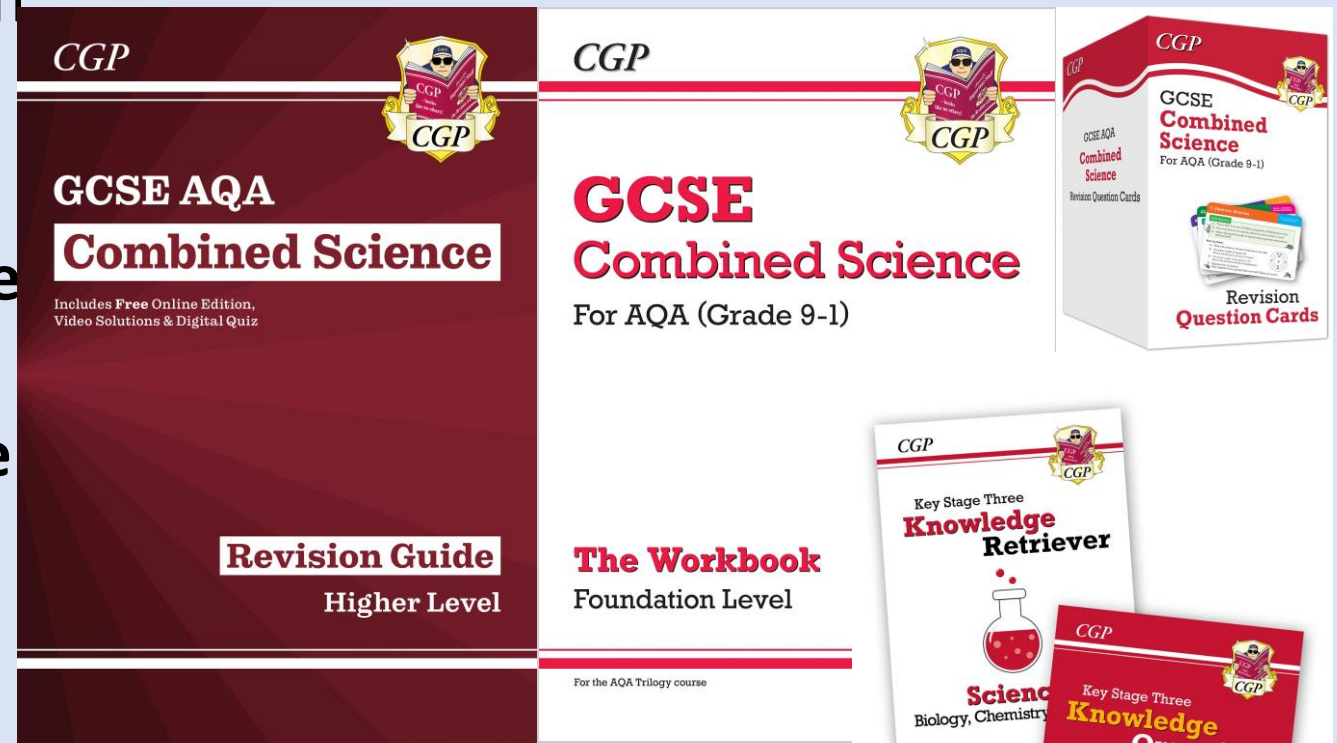


Revision

Resources – Available to purchase



- Revision Guide- **for information** Tiers- F or H – class teacher advice
- Knowledge organiser and retrievers (summarised) revision guide Samples available this evening
- Revision question cards – **Active learning**
- Workbook with answers- **Active learning**
- Available on parent pay



Homework

Range of tasks - Set fortnightly



Sparx set weekly- due every Thursday

Exam questions

Further independent learning:

AQA website/ Physics and maths tutor

Cognito, Seneca, BBC bitesize, Revision guides and work books

Online

Learning Platforms – SPARX Science



- It is the same log on details as sparx maths.
- If you're in sparx maths, click your **name at the top right**, and you can switch to science.
- Click on **Independent learning**
- Make sure you have selected **AQA GCSE** from the drop down menu
- Then choose the topic you need to revise
- Click 'I don't know', if you need to learn how to do something, make notes on the help slides and retry!

Online

Past paper questions



For whole papers once completed (terminal)

- Combined science- [GCSE / IGCSE Science Past Papers - PMT](https://www.physicsandmathstutor.com/gcse/science/past-papers/)
([physicsandmathstutor.com](https://www.physicsandmathstutor.com))
- Triple - [Past Papers - PMT](https://www.physicsandmathstutor.com/gcse/physics/past-papers/) ([physicsandmathstutor.com](https://www.physicsandmathstutor.com))

Use the mark-scheme to make improvements.

This is the biggest lever for progress.