

CHEMISTRY

SUBJECT: CHEMISTRY (Combined and Triple)

The secret to success in Chemistry.

- Read the question carefully
- Bring a calculator, ruler and pencil
- Manage your time effectively when answering questions
- Check that you have included a unit
- Learn the prefixes for units.

What exams will I take in the Summer Term?

Exam Board: AQA

Paper Name	Topics	Time of paper
Paper 1 Monday 19 May	Topics 1-5: Atomic structure; Periodic table; Bonding; Quantitative Chemistry; Chemical Changes and Energy Changes.	1h 45m - triple 1h 15m - combined
Paper 2 Friday 13 June	Topics(1-3) 6-10: Rates of reaction; Organic chemistry; Analysis; Atmospheric chemistry and using resources.	1h 45m - triple 1h 15m - combined

Support in school:

Drop in revision session – Tuesday lunchtimes – A16 – all students can attend

Wednesday P6 Revision session – A16 – all students can attend

Science Masterclasses – check for invitations via email

Chemistry Revision – Wednesday Lunchtime A30

Revision resources in your showbie class

Revision Ideas:

- Educake
- BBC Bitesize
- Seneca
- Physicsandmathstutor.co.uk
- Cognito
- Freesciencelessons (YouTube)
- Past papers can be found in your showbie (Revision/Past Papers)

Week 1: w/c 24 February 2025:

Bonding

You MUST do	✓	RAG
Review the topic on BBC Bitesize or Seneca		
Set and complete Educake quiz on the topic		
Complete revision home learning set		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/bonding-structure-properties-of-matter/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a Quizlet of properties and explanations of properties linked to bonding.		
Write your own question based on the topic then answer it next time you revise that topic.		
Review videos on bonding topic from Freescience lessons on YouTube		

Week 2: w/c 3 March 2025

Rate of reaction

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete educake quiz on the topic		
Review the Required Practicals for this topic		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/rate-and-extent-of-chemical-change/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a quizlet on this topic		
Review videos on Rates topic from Freescience lessons on YouTube		

Week 3: w/c 10 March 2025

Energy Changes

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete educake quiz on the topic		
Review the Required Practical for this topic		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/energy-changes/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a Quizlet on this topic		
Review videos on Energy Changes topic from Freescience lessons on YouTube		

Week 4: w/c 17 March 2025

Quantitative Chemistry

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete Educake quiz on the topic		
Write and learn a page of key equations needed		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/quantitative-chemistry/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a Quizlet on this topic		
Write your own question based on the topic then answer it next time you revise that topic.		
Review videos on Calculations topic from Freescience lessons on YouTube		

Week 5: w/c 24 March 2025

Atomic structure and Periodic table

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete Educake quiz on the topic		
Review diagrams of models of the atom		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/atomic-structure-and-periodic-table)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a Quizlet on this topic		
Review videos on atomic structure and periodic table topics from Freescience lessons on YouTube		

Week 6: w/c 31 March 2025

Chemical Changes

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete Educake quiz on the topic		
Learn formulae of key acids and review and learn acid base reactions		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/chemical-changes/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a quizlet on this topic		
Review videos on reactivity of acids, metals and electrolysis topics from Freescience lessons on YouTube		

Week 7: w/c 7 April 2025 – EASTER BREAK week 1

Paper 2

Detail here any Easter revision sessions you are attending

Day	Time	Subject	In school or Online

You MUST do	✓	RAG
Review previous revision resources from paper 2 topics		
Complete a full past paper: Triple: https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/assessment-resources Combined: https://www.aqa.org.uk/subjects/science/gcse/science-8464/assessment-resources		
Note down and review questions you found hard/unable to answer		

You SHOULD do	✓	RAG
Review videos on Freescience lessons on YouTube, making note on topic areas you found hard on past paper.		
Create additional flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Write your own question based on the topic then answer it next time you revise that topic.		

Week 8: w/c 14 April 2025 – EASTER BREAK week 2

Paper 1

Detail here any Easter revision sessions you are attending

Day	Time	Subject	Online

You MUST do	✓	RAG
Review previous revision resources from paper 1 topics		
Complete a full past paper: Triple: https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/assessment-resources Combined: https://www.aqa.org.uk/subjects/science/gcse/science-8464/assessment-resources		
Note down and review questions you found hard/unable to answer		

You SHOULD do	✓	RAG
Review videos on Freescience lessons on YouTube, making note on topic areas you found hard on past paper.		
Create additional flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Write your own question based on the topic then answer it next time you revise that topic.		

Week 9: w/c 21 April 2025

Atmospheric Chemistry

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete Educake quiz on the topic		
Learn sources, issues with and prevention of key atmospheric pollutants		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/chemistry-of-atmosphere/)		
Create a mind-map – then use this to help answers the past paper or educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a quizlet on this topic		
Review videos on Freescience lessons on YouTube		

Week 10: w/c 28 April 2025

Organic Chemistry

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete educake quiz on the topic		
Practice drawing and naming organic compounds needed		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/organic-chemistry/)		
Create a mind-map – then use this to help answers the past paper or Educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a quizlet on this topic		
Review videos on reactivity of acids, metals and electrolysis topics from Freescience lessons on YouTube		

Week 11: w/c 5 May 2025

Using resources

You MUST do	✓	RAG
Review the topic on BBC Bitesize or seneca		
Set and complete educake quiz on the topic		
Review required practical		

You SHOULD do	✓	RAG
Access and select relevant past paper questions from Physics and Maths tutor (https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/using-resources/)		
Create a mind-map – then use this to help answers the past paper or educake questions.		
Create flashcards on key ideas and ask friends/family to test you.		

You COULD do	✓	RAG
Create a quizlet on this topic		
Review videos on Freescience lessons on YouTube		