GCSE CHEMISTRY REVISION GUIDANCE AND RESOURCES

Remember

* Note taking is not revision, it is preparation for revision.
* Reading a textbook is too passive – revision needs to be active.
* Vary your revision activities.

An effective revision system could be:

1. – work through a set of questions (could be a past paper, a set of multichoice questions or a worksheet).
2. – self-assess the answers, highlighting weaker areas.
3. – review and strengthen the weaker areas.
4. – repeat the above but in a different area of the course.
5. – a week later find and attempt questions based on the previously identified weaker areas and assess whether or not they have been strengthened.

Strongly recommended:

* + Read through examiner reports – these highlight the strengths and weaknesses of actual candidate answers.
	+ Read through the exemplar materials – these are written by principle examiners explaining why actual responses did or did not gain a mark. Very useful for 6 mark level of response questions.
	+ [GCSE - Gateway Science Suite - Chemistry A (9-1) - J248 - OCR](https://ocr.org.uk/qualifications/gcse/gateway-science-suite-chemistry-a-j248-from-2016/assessment/)
	+ [GCSE (9-1), Chemistry A (Gateway Science), J248/01/02/03/04, Data Sheet (Insert), June 2023 (ocr.org.uk)](https://ocr.org.uk/Images/673221-data-sheet.pdf)
	+ [OCR GCSE (9-1) Science Mathematical Skills Handbook](https://ocr.org.uk/Images/310651-mathematical-skills-handbook.pdf)
	+ [Physics & Maths Tutor (physicsandmathstutor.com)](https://www.physicsandmathstutor.com/) Past papers and mark schemes

Required Practicals

Required practical 1 [GCSE Chemistry Revision "Required Practical 1: Making Soluble Salts" (youtube.com)](https://www.youtube.com/watch?v=9GH95172Js8&list=PL8lX44t26QjQPhJN4HqxI8xHXXvLxDmIz)

Required practical 2 [GCSE Chemistry Revision "Required Practical 2: Carrying out a Titration" (Triple) (youtube.com)](https://www.youtube.com/watch?v=saRBT5oZfh8)

Required practical 3 [GCSE Chemistry Revision "Required Practical 3: Electrolysis" (youtube.com)](https://www.youtube.com/watch?v=ukbtTTG1Kew)

Required practical 4 [GCSE Chemistry Revision "Required Practical 4: Temperature Changes" (youtube.com)](https://www.youtube.com/watch?v=rdI7xEq4Ew8)

Required practical 5 [GCSE Chemistry Revision "Required Practical 5: Rates of Reaction" (youtube.com)](https://www.youtube.com/watch?v=N5p06i9ilmo)

Required practical 6 [GCSE Chemistry Revision "Required Practical 6: Chromatography" (youtube.com)](https://www.youtube.com/watch?v=P8i4QYncQxI)

Required practical 7 [GCSE Chemistry Revision "Required Practical 7: Identifying Ions" (Triple) (youtube.com)](https://www.youtube.com/watch?v=4iZRs4XlJOE)

Required practical 8 [GCSE Chemistry Revision "Required practical 8: Water" (youtube.com)](https://www.youtube.com/watch?v=DikcEq2wg8g)

Kerboodle:

You can access resources such as worksheets and interactive activities.

Video resources:

‘Freesciencelessons’ – videos on youtube

https://www.youtube.com/channel/UCqbOeHaAUXw9Il7sBVG3\_bw/videos

Suggested revision websites:

 [Knockhardy GCSE resources](https://www.knockhardy.org.uk/gcse.htm) Suitable for OCR and AQA courses

https://senecalearning.com/en-GB/

http://www.passmyexams.co.uk/

[Chemistry GCSE Revision | Revision Science](https://revisionscience.com/gcse-revision/chemistry)