

Year 12 CHEMISTRY Revision Timetable - Year 12 Mock Exams wb 6TH June 2022

Pupil Name:

We will be asking you to revise different topics and sometimes the associated required practical. You SHOULD be making revision notes. Remember good revision involves doing something active, not just passively reading your notes or a website.

There are lots of activities you can do that will help you revise: make summary notes, produce a mind map, revision clock or flashcards, complete the Kerboodle text book practice papers, re-do the end of unit tests from year 1 or do past exam papers. Please email your teachers if you are having difficulties with any specific content.

THE EXAM – You will sit 2 papers:

Monday 13th May PAPER 1: 1 hour 30 minutes, 80 marks of short and long answer questions on physical and inorganic chemistry (topics 1-7 & 8-10).

Wednesday 15th May PAPER 2: 1 hour 30 minutes, 80 marks of short and long answer questions on physical and organic chemistry (topics 1-7 & 11-16).

USEFUL RESOURCES

Useful revision websites:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/assessment-resources> (AQA past papers and mark schemes)

<https://www.chemguide.co.uk/> (Revision resources)

<https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/> (Revision resources)

<https://chemrevise.files.wordpress.com/2018/04/practical-guide-aqa1.pdf> (Required practical guidebook)

Topic	Revised?	Type of revision notes and testing?	Any problems? (questions to ask your teacher?)
1 Atomic structure			
2 Amount of substance RP1 – Amount of substance			
3 Bonding			
4 Energetics RP2 – Enthalpy changes			
5 Kinetics RP3 – Rate of reaction			
6 Equilibria			
7 Oxidation, reduction and redox			
8 Periodicity			
9 Group 2			
10 Group 7 RP4 – Testing for ions			
11 Introduction to organic chemistry			
12 Alkanes			

13 Haloalkanes			
14 Alkenes			
15 Alcohols RP5 - Distillation			
16 Organic analysis RP6 – Organic tests			

REQUIRED PRACTICALS

1 Make up a volumetric solution and carry out a simple acid–base titration
2 Measurement of an enthalpy change
3 Investigation of how the rate of a reaction changes with temperature
4 Carry out simple test-tube reactions to identify: <ul style="list-style-type: none"> • cations – Group 2, NH_4^+ anions – Group 7 (halide ions), OH^- , CO_3^{2-} , SO_4^{2-}
5 Distillation of a product from a reaction
6 Tests for alcohol, aldehyde, alkene and carboxylic acid