

Year 12 CHEMISTRY Revision Timetable

Pupil Name:

Good preparation is ESSENTIAL for future success. In order to help you to prepare for your upcoming mock exam, we have created a schedule and a list of useful resources to support your revision.

Good revision involves your active engagement and requires A LOT OF effort. Passively reading your notes or a website once is NOT enough.

There are lots of activities you can do that will help you revise: make summary notes, produce a mind map, writing flashcards, complete the Kerboodle textbook practice papers, re-do End of Unit tests and feedback tasks. You MUST ensure that you do sufficient past exam questions so that you are equipped with exam skills.

EXAMS – You will sit two papers which will cover all content and required practicals from Year 12 Chemistry.

Paper 1 - Inorganic and Physical Chemistry - 2 hours - 105 marks

- Chapter 1 Atomic structure (3.1.1)
- Chapter 2 Amount of substance (3.1.2)
- Chapter 3 Bonding and Structure (3.1.3)
- Chapter 4 Energetics (3.1.4)
- Chapter 6 Equilibria (3.1.6)
- Chapter 7 Redox (3.1.7)
- Chapter 8 Periodicity (3.2.1)
- Chapter 9 Group 2 (3.2.2)
- Chapter 10 Group 7 (3.2.3)

Paper 2 - Organic and Physical Chemistry - 2 hours - 105 marks

- Chapter 2 Amount of substance (3.1.2)
- Chapter 3 Bonding and Structure (3.1.3)
- Chapter 4 Energetics (3.1.4)
- Chapter 5 Kinetics (3.1.5)
- Chapter 6 Equilibria (3.1.6)
- Chapter 11 Nomenclature and Isomerism (3.3.1)
- Chapter 12 Alkanes (3.3.2)
- Chapter 13 Haloalkanes (3.3.3)
- Chapter 14 Alkenes (3.3.4)
- Chapter 15 Alcohol (3.3.5)
- Chapter 16 Organic Analysis (3.3.6)

USEFUL RESOURCES

Specification:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405/specification-at-a-glance>

Useful websites for course content:

<https://www.chemguide.co.uk>

<https://www.docbrown.info/page13/page13.htm>

Useful YouTube channels:

<https://www.youtube.com/channel/UCyl4QJXN9zNapzmKAn-fJgQ>

<https://www.youtube.com/playlist?list=PLkocNW0BSuEFvnphj8fKN-KFUOlnKiTO>

<https://www.youtube.com/c/AlleryChemistry>

https://youtube.com/playlist?list=PLOETCzcG_B1X23cH8Gv9VYRutFtYGTMPA (Mechanism playlist)

Useful revision websites:

<https://www.s-cool.co.uk/a-level/chemistry> (revision notes + past paper)

<https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/> (revision notes + past paper)

<https://www.brainscape.com/packs/a-level-chemistry-oxford-aqa-11498565?origin=genome> (flashcards)

http://alevelchem.com/aqa_a_level_chemistry/index.htm

<https://www.savemyexams.co.uk/a-level/chemistry/aqa/17/>

<https://app.senecalearning.com/dashboard/join-class/zy3cszmmmg>

<https://app.senecalearning.com/dashboard/class/zy3cszmmmg/assignments/assignment/17a702f7-a83b-4e53-8183-cb28ca8ba161>

REVISION SCHEDULE

Week wb	What to revise	Type of revision notes and testing?	Any problems? (questions to ask your teacher?)
1 13/4/26	Chapter 1 Chapter 2		
2 20/4/26	Chapter 3 Chapter 4		
3 27/4/26	Chapter 5 Chapter 6 Chapter 7		
4 4/5/26	Chapter 8 Chapter 9 Chapter 10		
5 11/5/26	Chapter 11 Chapter 12 Chapter 13		
6 18/5/26	Chapter 14 Chapter 15 Chapter 16		
7 25/5/26	Required Practicals Past Papers (Half Term)		
8 1/6/26	Past Papers (Y12 Mocks Week 1)		
9 8/6/26	Past Papers (Y12 Mocks Week 2)		

REQUIRED PRACTICALS

Required practical activities	
1	Making up a volumetric solution and carrying out a titration
2	Measurement of an enthalpy change
3	Investigation of how the rate of a reaction change with temperature
4	Carrying out test-tube reactions to identify cations and anions in aqueous solutions
5	Distillation of a product from a reaction
6	Tests for alcohol. Aldehyde, alkene, and carboxylic acid