

Subject: A Level Chemistry

Exam Board: AQA

Paper 1: 120 minute paper (75 marks AS Paper 1 + 1 A2 question + 15 multichoice)

Paper 2: 120 minute paper (75 marks AS Paper 2 + 1 A2 question + 15 multichoice)

Section A: 75 marks of short and long answer questions on content and practical skills

Section B: 15 multiple choice questions

Section C: 20 marks of A2 content taught this year

Assessment Content

Paper 1: Physical and Inorganic

3.1.1 [Atomic structure](#)

3.1.2 [Amount of substance](#)

3.1.3 [Bonding](#)

3.1.4 [Energetics](#)

3.1.6 [Chemical equilibria, Le Chatelier's principle and \$K_c\$](#)

3.1.7 [Oxidation, reduction and redox equations](#)

3.1.8 [Thermodynamics \(A-level only\)](#)

3.2.1 [Periodicity](#)

3.2.2 [Group 2, the alkaline earth metals](#)

3.2.3 [Group 7\(17\), the halogens](#)

Paper 1: Physical and Organic

3.1.2 [Amount of substance](#)

3.1.3 [Bonding](#)

3.1.4 [Energetics](#)

3.1.5 [Kinetics](#)

3.1.6 [Chemical equilibria, Le Chatelier's principle and \$K_c\$](#)

3.3.1 [Introduction to organic chemistry](#)

3.3.2 [Alkanes](#)

3.3.3 [Halogenoalkanes](#)

3.3.4 [Alkenes](#)

3.3.5 [Alcohols](#)

3.3.6 [Organic analysis](#)

3.3.7 [Optical isomerism \(A-level only\)](#)

3.3.8 [Aldehydes and ketones \(A-level only\)](#)

3.3.9 [Carboxylic acids and derivatives \(A-level only\)](#)

Useful revision resources:

Kerboodle

AQA A-Level Chemistry Textbook

Seneca

Past papers (including legacy papers)

Physics and Maths Tutor

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

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