



Blue Coat Church of England Academy

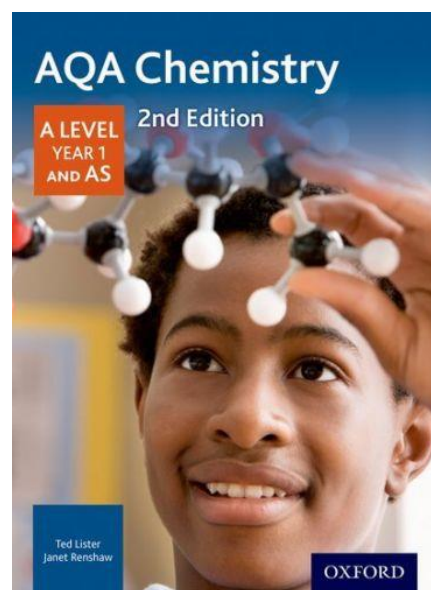
Year: 12/13

Subject: Chemistry

AS Level

Subject content

- 3.1.1 Atomic structure
- 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
- 3.1.7 Oxidation, reduction and redox equations
- 3.2.1 Periodicity
- 3.2.2 Group 2, the alkaline earth metals
- 3.2.3 Group 7(17), the halogens
- 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



Paper 1

What's assessed: Relevant physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 and 3.1.7), Inorganic chemistry (section 3.2.1 to 3.2.3), Relevant practical skills

Assessed: written exam, 1 hour 30 minutes, 80 marks, 50% of the AS

Questions: 65 marks of short and long answer questions, 15 marks of multiple choice questions

Paper 2

What's assessed: Relevant physical chemistry topics (sections 3.1.2 to 3.1.6), Organic chemistry (section 3.3.1 to 3.3.6), Relevant practical skills

Assessed: written exam, 1 hour 30 minutes, 80 marks, 50% of the AS

Questions: 65 marks of short and long answer questions, 15 marks of multiple choice questions

A Level

Subject content

3.1 Physical chemistry

3.2 Inorganic chemistry

3.3 Organic chemistry

Paper 1

What's assessed: Relevant physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 to 3.1.8 and 3.1.10 to 3.1.12), Inorganic chemistry (section 3.2), Relevant practical skills

Assessed: written exam, 2 hours, 105 marks, 35% of A-level

Questions: 105 marks of short and long answer questions

Paper 2

What's assessed: Relevant physical chemistry topics (sections 3.1.2 to 3.1.6 and 3.1.9), Organic chemistry (section 3.3), Relevant practical skills

Assessed: written exam, 2 hours, 105 marks, 35% of A-level

Questions: 105 marks of short and long answer questions

Paper 3

What's assessed: Any content, Any practical skills

Assessed: written exam, 2 hours, 90 marks, 30% of A-level

Questions: 40 marks of questions on practical techniques and data analysis, 20 marks of questions testing across the specification, and 30 marks of multiple choice questions.

