



CHEMISTRY KEY STAGE 5 SCHEDULE

2024-2025

MODULES/UNITS

A2 MODULES: AQA 7405

Paper 1: Relevant Physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 to 3.1.8 & 3.1.10 to 3.1.12) plus Inorganic chemistry (All section 3.2) plus relevant practical skills.

Paper 2: Relevant Physical chemistry topics (sections 3.1.2 to 3.1.6 and 3.1.9) plus Organic chemistry (All of section 3.3) plus relevant practical skills.

Paper 3: Any content from the entire syllabus and any practical skills

COURSEWORK DEADLINES/EXAMS

WHEN

Practical Endorsement: Students are expected to keep a practical notebook containing all the practicals of the course. This practical endorsement is a record of skill development within set practicals and students must show a level of competency to be awarded to endorsement at the end of the course.

ON GOING
THROUGHOUT
COURSE

INTERNAL EXAMINATION FOR YEAR 12

JUNE

WRITTEN EXAM PAPERS A2 3 WRITTEN PAPERS

PAPER 1 - PHYSICAL & INORGANIC CHEMISTRY
PAPER 2 - PHYSICAL & ORGANIC CHEMISTRY
PAPER 3: ANY CONTENT FROM 2 YEAR COURSE

JUNE

Content covered in Year 12

Paper 1

- Atomic Structure + Bonding
- Moles
- Redox
- Periodicity (Group 2 + 7)
- Enthalpy
- Equilibrium

Paper 2

- Rates
- Introduction to Organic
- Alkanes / Alkenes
- Halogenoalkanes
- Alcohols
- Spectroscopic analysis

Content covered in year 13

Paper 1

- Thermodynamics
- Electrochemistry
- Transition Metals
- Gas Equilibrium
- Acids and Bases
- Periodicity

Paper 2

- Rates
- Carbonyls
- NMR + Chromatography
- Aromatic Chemistry
- Amines
- Polymers

OTHER INFORMATION

AS Exam Board: AQA 7404

A2 Exam Board: AQA 7405

Text books:

Chemistry 1, Author: Teresa Quigg, Alyn G. McFarland, Nora Henry

Publisher: Hodder Education, ISBN13: 9781471807671

Chemistry 2, Author: Alyn G McFarland, Nora Henry

Publisher: Hodder Education, ISBN 978-1-4718-0770-1

Additional Reading List

Calculations for A level Chemistry, 4th Edition E.N Ramsden

ISBN: 978-0-7487-5839-5

Calculations in AS/A Level Chemistry, Jim Clark ISBN: 0-582-41127-0

AS level chemistry CGP ISBN: 978 1 84762 791 9

Past Papers: These are available to download at www.aqa.org.uk

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