



Huxlow & Rushden Academy
SIXTH FORM
 One Trust, Two Schools, One Vision of Excellence



Chemistry A Level

Prepared by: C Woodward



Exam Board: OCR



Course Specification

Please scan QR Code



Course Text Books

A Level Chemistry for OCR ISBN : 978-0198351979



Course Revision Guides

A Level Chemistry OCR Year 1 & 2 Complete Revision & Practice ISBN: 978-1789080384

A Level Chemistry OCR Year 1 & 2 Exam Practice Workbook ISBN: 978-1782949220



Examinations

Summer Year 13

Paper 1 Periodic Table, Elements and Physical Chemistry	2hrs 15min	??%
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Paper 2 Synthesis and analytical techniques	2hrs 15min	??%
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Paper 3 Unified Chemistry	1hr 30min	??%
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Non Examined Assessment

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??%

Curriculum



Huxlow Academy
 Finedon Road
 Irthlingborough
 Northamptonshire
 NN9 5TY



Rushden Academy
 Hayway
 Rushden
 Northamptonshire
 NN10 6AG



Year 12

Term 1	Topic 1 Development of Practical Skills in Chemistry Topic 2 Foundations in Chemistry Topic 4 Core Organic Chemistry Practical skills assessed in the practical endorsement; 2.1.1 Atomic Structure and isotopes; 2.1.2 Compounds, formulae and equations; 2.1.3 Amount of Substance; PAG 1 - Assessed Practical (Planning activities completed in lesson); 4.1.1 Basic Concepts of Organic Chemistry; 4.1.2 Alkanes	ALT Report October
Term 2	Topic 2 Foundations in Chemistry Topic 4 Core Organic Chemistry 2.1.4 Acids, PAG 2 - Assessed Practical; 2.1.5 Redox, 2.2.1 Electron Structure; 4.1.3 Alkenes; 4.2.1 Alcohols	Progress 1 Report November
Term 3	Topic 2 Foundations in Chemistry Topic 4 Core Organic Chemistry 2.2.2 Bonding and Structure; 4.2.2 Haloalkanes; 4.2.3 Organic Synthesis; 4.2.4 Analytical Techniques; PAG 5 - Assessed Practical	In Class Assessments January Progress 2 Report January
Term 4	Topic 3 Periodic table and Energy Topic 4 Core Organic Chemistry 3.1.1 Periodicity; 4.2.4 Analytical Techniques	
Term 5	Topic 3 Periodic table and Energy Practical skills assessed in a written examination (End of Year mock); 3.1.3 The Halogens; 3.1.4 Qualitative Analysis; 3.2.2. Reaction Rates; PAG 4 - Assessed Practical	End of year Exams Apr / May Progress 3 Report May
Term 6	Topic 3 Periodic table and Energy 3.2.1 Enthalpy Changes; 3.2.3 Chemical Equilibrium	

Year 13

Term 1	Topic 6 Organic Chemistry and analysis 5.1.1 How fast?; PAG 9 - Assessed Practical; PAG 10 - Assessed Practical	ATL Report October
Term 2	Topic 6 Organic Chemistry and analysis 5.1.2 How Far?; 5.1.3 Acids; Bases and Buffers	Progress 1 Report November
Term 3	Topic 6 Organic Chemistry and analysis 5.1.3 Acids; Bases and Buffers; PAG 11 - Assessed Practical	Mock Exams January Progress 2 Report January
Term 4	Topic 6 Organic Chemistry and analysis 5.2.1 Lattice Enthalpy; PAG 3 - Assessed Practical; 5.2.2 Enthalpy and Entropy; 5.2.3 Redox and Electrode Potentials; PAG 8 - Assessed Practical; 5.3.1 Transition Elements; 5.3.2 Qualitative Analysis; 6.2.5 Organic Synthesis; PAG 6 - Assessed Practical; 6.3.1 Chromatography and Qualitative Analysis	
Term 5	Topic 6 Organic Chemistry and analysis 6.3.1 Chromatography and Qualitative Analysis; PAG 7 - Assessed Practical; 6.3.2 Spectroscopy	Examinations
Term 6	Examinations	Examinations