

Year 11 Chemistry Curriculum Map

[illegible]

	<p>C10 Organic reactions</p> <p>C12 Chemical analysis</p>	<ul style="list-style-type: none"> Structures of alcohols, carboxylic acids and esters Reactions and uses of alcohols Carboxylic acids and esters Pure substances and mixtures Analysing chromatograms Testing for gases Tests for positive ions Tests for negative ions Instrumental analysis 	
Lent 2.1	<p>C11 Polymers</p> <p>C13 The Earth's atmosphere</p>	<ul style="list-style-type: none"> Addition polymerisation Condensation polymerisation Natural polymers DNA History of our atmosphere Our evolving atmosphere Greenhouse gases Global climate change Atmospheric pollutants 	Test: C9 – C13
Lent 2.2	C14 The Earth's resources	<ul style="list-style-type: none"> Finite and renewable resources Water safe to drink Treating waste water Extracting metals from ores Life cycle assessments Reduce, reuse and recycle Rusting Useful alloys 	<p>Mock exam C8-C15 Paper 2</p> <p>Paper 2 – 1 hour 45 minutes</p>

	C15 Using our resources	<ul style="list-style-type: none"> • The properties of polymers • Glass, ceramics and composites • Making ammonia – the Haber Process • The economics of the Haber process • Making fertilisers in the lab • Making fertilisers in industry 	
Pentecost 3.1	Consolidation and prepare for GCSE		