

**CHEMISTRY 3GCSE CURRICULUM CONTENT OVERVIEW**

<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
• States of matter	• (Alkali metals) – lithium, sodium and potassium	• Acids, alkalis and titrations
• Elements, compounds and mixtures	• Group 7 (halogens) – chlorine, bromine and iodine	• Acids, bases and salt preparations
• Atomic structure	• Reactivity series	• Intro organic chemistry
• The Periodic Table	• Extraction and uses of metals	• Crude oil
• Ionic bonding	• Gases in the atmosphere	• Electrolysis
• Chemical formulae		

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• Ionic bonding	• Alkenes	• Acids, alkalis and titrations
• Metallic bonding	• Alcohols	• Ionic bonding Chemical tests
• Covalent bonding	• Carboxylic acids	• Formulae, equations and calculations
• Electrolysis	• Esters	• Past papers
• Alkanes	• Synthetic polymers	
	• Rates of reaction	
	• Reversible reactions and equilibria	
	• Energetics	