

Chemistry – Higher – Topic List

<u>Chapter</u>	<u>Topic</u>
Chapter 1&2 – States of matter and separating substances	Chromatography, Particle Model, Physical and Chemical Changes
Chapter 3 – Atomic Structure	Isotopes, Structure of an atom
Chapter 4 – The Periodic Table	Electronic configuration
Chapter 5/6/7 – Ionic, Covalent and Metallic Bonding	Structure and Bonding of metals and how this links to metal properties – conductors of electricity, malleable, Models of molecular structure – Advantages and Disadvantages
Chapter 8 – Acids and Alkalis	Metal carbonates and their reactions with acids, Safety precautions when using acids
Chapter 13 – Groups in the Periodic Table	Pattern in Reactivity in Group 1, Reactions of Group 1 with water, Balanced symbol equations,
Triple Content Only	Dynamic equilibrium, Titration Calculations