

Chemistry – Foundation – Topic List

<u>Chapter</u>	<u>Topic</u>
Chapter 1&2 – States of matter and separating substances	Distillation/Fractional Distillation, Physical and Chemical changes
Chapter 3 – Atomic Structure	Structure of an atom – (Proton, Neutron, Electron) – Mass and Charge, Models of the atom and how they have changed over time,
Chapter 4 – The Periodic Table	Structure of the Periodic Table – Metals and Non metals, Groups and Periods, Atomic number, Electron shells and how this links to Periodic Table
Chapter 5/6/7 – Ionic, Covalent and Metallic Bonding	Ionic compounds, Electronic configuration for ions, Writing formula
Chapter 8 – Acids and Alkalis	Making copper sulfate crystals, Word equations for acids reacting with metal carbonates
Chapter 13 – Groups in the Periodic Table	Patterns in reactivity of group 1 and group 7, types of reaction of elements in group 1 and elements in group 7.
Triple Content Only	Dynamic equilibrium, Calculating Percentage Yield