

KS4 Chemistry AQA

Name _____

Class _____

Teacher _____

P. R. O. U. D.

Pen for writing, pencil for diagrams

Ruler - Use for underlining and diagrams

Oops - Cross out mistakes with one line.

Underline titles, dates and LO.

Draw with a pencil and ruler.

Yr9

Atomic Structure

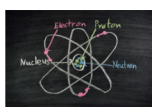
Atomic Structure



Atomic Models



Isotopes



Periodic Table



Reactivity



Transition Metals

Bonding

Change of State



Ionic Bonding



Covalent Bonding



Metallic Bonding

Properties

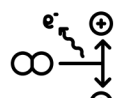


Energy Changes

Exo and Endothermic



Energy Profiles



Bond Energies



Yr10

Chemical Changes

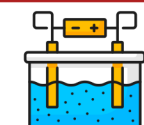
Reactivity Series



Redox



Acids, Bases and Salts



Electrolysis

Fuel Cells



Chemical Quantities

Conservation of Mass



Measuring Mass



Moles



Titration

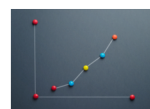


Rates of Reaction

Measuring Rates of Reaction



Calculating Rate of Reaction



Equilibrium



Factors Affecting Rates



Yr11

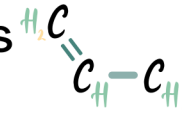
Hydrocarbons

Crude Oil

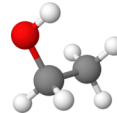


Refining

Alkanes and Alkenes



Alcohols and Acids



Polymers



Chemical Analysis

Pure Substances



Separating



Chromatography



Spectroscopy

Testing for Chemicals



The Atmosphere

Earth's Early Atmosphere



Evolution of the Atmosphere



The Greenhouse Effect



Human Impact



Sustainable Development

Potable Water



Metal Extraction



LCAs



Haber Process and Fertilisers



The Marlborough Science Academy

