

Name _____

Class _____

Teacher _____



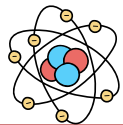
The Marlborough
Science Academy

KS4 Chemistry AQA

Yr9

Atomic Structure

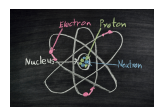
Atomic Structure



Atomic Models



Isotopes



Periodic Table



Reactivity



Transition Metals

Bonding

Change of State



Ionic Bonding



Metallic Bonding

Covalent Bonding



Properties



Chemical Changes

Reactivity Series



Redox



Acids, Bases and Salts



Electrolysis



Chemical Quantities

Conservation of Mass



Measuring Mass



Moles



Titration



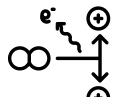
Yr10

Energy Changes

Exo and Endothermic



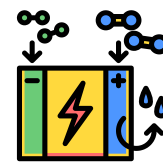
Energy Profiles



Bond Energies



Fuel Cells

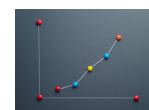


Rates of Reaction

Measuring Rates of Reaction



Calculating Rate of Reaction



Equilibrium



Factors Affecting Rates

Hydrocarbons

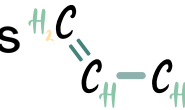
Crude Oil



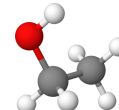
Refining



Alkanes and Alkenes



Alcohols and Acids



Polymers



Yr11

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



Science Faculty

