Science

Cells

Microscopes; Cell

Structure; Organisation

Solar System

Seasons; Moon Phases;

The Solar System;

The Universe



AQA GCSE: Revision Schemes **AOA GCSE**: Revision Schemes Each lesson has a specific 'Working Scientifically' or Each lesson has a specific 'Working Scientifically' or **PU8 - Space Physics** PU6 - Waves 'Mathematical Skill' focus and includes a minimum of two 'Mathematical Skill' focus and includes a minimum of two Solar System; Stability Waves in Air; Fluid and targeted examination questions. The majority of lessons targeted examination questions. The majority of lessons Teacher marked of Orbital Motions; Gases; Electromagnetic Waves; involve recall from specific sections of units, although involve recall from specific sections of units, although assessment -Satellites; Red-shift. Black Body Radiation some lessons focus on key skill areas exclusively some lessons focus on key skill areas exclusively full past papers (Separate Science only) **CU8 - Chemical Analysis CU3 - Quantitative Chemistry BU7 - Ecology** Teacher marked Purity, Formulations and Chromatography; Conservation of Mass; Understanding Chemical Adaptations; Interdependence and assessment - full Identification of Common Gases: Equations; Mole Calculations Involving Masses; Competition; Organisation of an past papers Identification of lons by Chemical and Yield and Atom Economy; Mole Calculations Ecosystem; Effect of Human Spectroscopic Means Using Gases and Concentrations Interaction on Biodiversity **CU9 - Chemistry CUIO - Using Resources PU5 - Forces** CU6 - Rate and Extent of Teacher marked Using the Earth's Resources of the Atmosphere Forces; Work Done; PU7 - Magnetism and **Chemical Changes** assessment based on The Evolution of the Earth's and Obtaining Potable Elasticity; Electromagnetism BU6, CU6, CU9, Rate of Reactions: Atmosphere; Greenhouse Gases; Water; Life Cycle Motion; Types of Magnetism; Reversible Reactions and CU10, PU5 Atmospheric Pollutants Assessment and Recycling Momentum Magnetic Forces and Dynamic Equilibrium Fields; The Motor Effect **BU6 - Inheritance, PU3 - Particle CU5 - Energy Changes** Teacher marked **PU4 - Atomic Structure Variation and Evolution Model of Matter** Exothermic and Endothermic Atoms and Isotopes; Atoms Changes of State and the Particle Reproduction; Variation and assessment based on Reactions; Measuring Energy BU4, BU5, CU4, and Nuclear Radiation; Evolution; Genetics; Evolution; Model; Internal Energy and Energy Changes in Reactions Nuclear Fission and Fusion CU5, PU3, PU4 Transfers; Particle Model and Pressure Classification of Living Organisms **CU4 - Chemical BU5 - Homeostasis CU2 - Bonding, Structure and** the Properties of Matter and response **BU4** -Changes **PU2 - Electricity** Teacher marked Ionic, Covalent and Metallic Reactivity of Metals; **Bioenergetics** Homeostasis; The Human Electrical Components; assessment based on Nervous System; Hormonal Bonding; Carbon Allotropes; Photosynthesis; Reactions of Acids; Electricity in the BU2, CU2, PU2 Nanochemistry Electrolysis Control in Humans Respiration Home; Power **BU3 - Infection CUI - Atomic Structure BU2 - Organisation PUI - Energy** Teacher marked and Response **BUI - Cell Biology** Digestive System; Communicable Diseases; Energy Transfers; Specific Heat and the Periodic Table assessment Cell Structure; Mitosis Atomic Structure; Isotopes; Circulatory System; How our Bodies Fight Capacity and Energy Loss; based on BUI, and Meiosis; Diffusion Groups of the Periodic Table BU3, CUI, PUI Disease; Developing Drugs Energy Resources Plant Structure and Active Transport **Speeding Up Electricity Teacher** Calculating Velocity; Circuit Diagrams; Understanding **Inheritance** Waves marked Acceleration; Distance-Time Current and Potential Difference; Features of Waves: Ecosystems; Adaptations; assessment and Velocity-Time Graphs Basic Wave Properties Resistance Calculations Genetic Information based on 3 'Bridging Units' Metals & Metal **Heating & Cooling** Compounds **Patterns in Reactivity** States of Matter; Measuring **Magnets Bioenergetics** Food & Digestion Properties of Metals & Respiration; The Respiratory The Periodic Table; Reactions Nutrition; The Digestive Types of Magnet; Heat & Temperature; Non-Metals; Conservation Electromagnets System; Photosynthesis Group I & Group 7 System; Enzymes Conduction & Insulation of Mass; Reactivity Series **Energy** Microbes & Disease Energy Types & **Forces** Reproduction Elements Types of Disease; Defence Types of Force; Factors Transformations; Energy The Reproductive System; The Atomic Structure; Elements Mechanisms; Role of Drugs Efficiencies; Comparing Affecting Forces; Menstrual Cycle; Stages of Pregnancy & Compounds; Reactions Effect of Gravity Energy Types

Acids & Alkalis

pH Scale; Neutralisation;

Formation of Salts



Variation

Habitats; Sampling

Techniques; Food Webs;

Variation

Particles

The Particle Model:

Changes of State;

Separation Techniques