

YEAR 7

YEAR 8

YEAR 9

YEAR 10

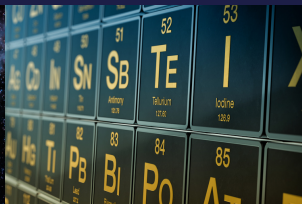
YEAR 11



- Being a Scientist
- Movement
- Cells
- Interdependence
- Variation
- Particles
- Earth Structure
- Acids & Alkalis
- Separating Mixtures
- Forces
- Electromagnets
- Energy
- Sound

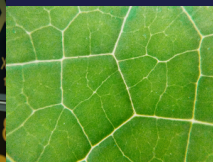


- Human & Plant Reproduction
- Breathing
- Respiration
- Evolution
- Metals & Non-Metals
- The Universe
- Elements
- Types of Reaction
- Climate
- Light
- Contact Forces
- Pressure



- Digestion
- Inheritance
- Photosynthesis
- Periodic Table
- Chemical Energy
- Earth's Resources
- Electromagnets
- Energy
- Waves

BIOLOGY



- Cells
- Organisation
- Health and Disease
- Infection and Response
- Bioenergetics

CHEMISTRY



- Atomic structure
- Periodic Table
- Bonding
- Quantitative chemistry
- Chemical and Energy changes

PHYSICS



- Energy
- Electricity
- Particle Model of Matter
- Atomic structure
- Radioactivity

BIOLOGY



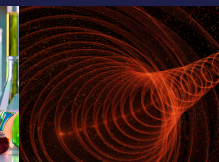
- Homeostasis and Response
- Inheritance
- Variation and Evolution
- Ecology

CHEMISTRY



- Rates/Extent of chemical change
- Organic chemistry
- Chemistry of the Atmosphere
- Using resources

PHYSICS



- Forces
- Waves
- Magnetism and Electromagnetism

BIOLOGY

CHEMISTRY

MEDICAL SCIENCE

PHYSICS

YEAR 12

YEAR 13

YEAR 12

YEAR 13

YEAR 12

YEAR 13

YEAR 12

YEAR 13

- Biological molecules
- Cells
- Immunity
- Exchange Systems
- Genetic information
- Variation
- Interdependence

- Survival and Response
- Respiration and Photosynthesis
- Inheritance and Population Genetics
- Control of Gene Expression
- Evolution of Ecosystems

- Atomic Structure
- Amount of Substance
- Bonding
- Energetics
- Kinetics
- Equilibria and Redox Reactions
- Periodicity
- Group 2 and Group 7 Elements
- Introduction to Organic Chemistry
- Alkanes and Halogenoalkanes
- Alkenes and Alcohols
- Organic Analysis

- Thermodynamics
- Rate Equations and Kp
- Electrode Potentials and Cells
- Acids Bases and pH
- Period 3 elements
- Transition Metals
- Isomerism and Carbonyl Compounds
- Aromatic Compounds and Amines
- Polymers
- Amino Acids Proteins and DNA
- Further Synthesis and Analysis

- Biological Molecules
- Cells
- Body Systems
- Disease
- Physiological Measurement Techniques
- Research Methods

- Medicines, Treatment of Disease
- Cancer
- Clinical Laboratory Techniques
- Medical Case Studies

- Working as a Physicist
- Mechanics
- Electric Circuits
- Materials
- Waves and the Particle Nature of Light

- Further Mechanics
- Electric and Magnetic Fields
- Nuclear and Particle Physics
- Thermodynamics
- Space
- Nuclear Radiation
- Gravitational Fields
- Oscillations