



Revision

YEAR 11

YEAR 11

Particle Model and Forces in Matter
-Density
-Pressure/Volume/Temperature TS
-Elastic Energy
-Upthrust

Magnetism and Electromagnetic Induction
-Fleming's Left-hand Law TS
-Electromagnets
-Transformers

YEAR 11

Electricity, Circuits and Static
-Energy
-Resistance
-Key components

Energy, Forces and their Effects
-Work Done
-Efficiency
-Resolving Forces
-Rotational Forces TS

YEAR 11

Curriculum Overview

TS – Only Studied if Triple Science picked as an option

FURTHER STUDY
A Level Biology
A Level Chemistry
A Level Physics
BTEC Applied Science
Diploma Criminology
T Level Science

CAREER PATHS

- Research scientist, Pharmacologist, Biologist, Ecologist, Nature conservation Officer, Biotechnologist, Forensic scientist, Government agency roles, Science writer, Analytical Chemist, Chemical Engineer, Chemical Development Engineer, Environmental Chemist, Forensic Researcher, Forensic Scientist, Patent Agent, Purification Scientist, Toxicologist, Astronomer, Clinical scientist, Medical Physicist, Nanotechnologist, Radiation protection practitioner, Research scientist, Teacher, Sound engineer, Nuclear engineer

INTEREST
Solving problems and applying understanding to new and unfamiliar situations.

Skills taught across Science

- Non-routine problem solving
- Critical thinking – this involves general cognitive skills and reasoning skills.
- Communication – active listening, oral, written, assertive and non-verbal communication.
- Collaborative problem solving – establishing and maintaining shared understanding and taking appropriate action.
- Adaptability – ability and willingness to cope with new situations

Welcome
Curriculum Overview

AO1
Scientific ideas and techniques

AO2
Scientific enquiries

AO3
Analysing and evaluating

