

KS3 Science Learning Journey

KS4

Physics

Energy

Forces - Kinematics and Statics

Organisms - Organisation, Heart and Circulation

Chemistry

Physics

Matter - Separating Techniques

Organisms - Cells and Organisation

Earth - Universe

Energy - Work, Heating and Cooling

Physics

Astronomy

Chemistry

Matter - Atomic Structure and Periodic Table

Waves - Effects and Properties

Reactions - Chemical Energy and Types of Reaction

YEAR 9

Biology

Chemistry

Genes - Evolution and Inheritance

Matter - Periodic Table and Elements

Electromagnets - Magnetism and Electromagnetism

Organisms - Breathing and Digestion

Physics

Chemistry

Biology

Forces - Contact Forces and Pressure

Earth - Structure, Climate and Resources

Ecosystems - Respiration and Photosynthesis

Energy - Costs and Transfers

YEAR 8

Physics

Chemistry

Physics

Waves - Sound and Light

Reactions - Metals and Acids

Ecosystems - Interdependence and Plant Reproduction

Physics

Chemistry

Biology

Electromagnets - Voltage Resistance and Current

Genes - Variation and Human Reproduction

Forces - Speed and Gravity

Organisms - Movement and Cells

YEAR 7

Physics

Chemistry

Biology

Matter - Particle Model and Separating Mixtures