

Yearly overview

Year 7

Cells

Forces

Particle model and separating mixtures

Movement

Digestion

Electricity in a circuit

Heating and cooling

Elements

Human reproduction

Earth structure

Year 8

Motion

Periodic table

Breathing

Magnetism and electromagnetism

Metals and non-metals

Respiration

Waves

Climate

Photosynthesis and plant reproduction

Light

Interdependence

Year 9

Energy

Inheritance and variation

Acids and Alkalis

Motion 2

Resistance and charge

Types of reaction

Evolution

Earth resources

Space

KS4 C1 part 1 – Atomic structure

KS4 B7 - Ecology

KS4 P7 (foundation content only) – Magnetism and electromagnetism

Year 10

B1 - Cell biology

C2 part 1 - Structure and bonding

P1 part 1 - Energy

C1 part 2 - Atomic structure

P2 part 1 - Electricity

B3 - Infection and response

C2 part 2 – Structure and bonding

P1 part 2 - Energy

B2 part 1 – Respiratory and circulatory system

C9 – Chemistry of the atmosphere

P2 part 2 - Electricity

B4 part 1 – Respiration

C8 – Chemical analysis

P6 - Waves

B2 part 2 – Digestion

C7 – Organic chemistry

Year 11

B2 part 3 – Plant tissues

C4 part 1 – Chemical changes

P5 part 1 - Forces

B4 part 2 – Photosynthesis

C5 part 1 – Energy changes

P3 – Particle model of matter

C4 part 2 – Chemical changes

B5 – Homeostasis

P5 part 2 - Forces

C5 part 2 – Energy changes

C6 part 1 – The rate and extent of chemical change

B6 – Inheritance, variation and evolution

P4 – Atomic structure

C10 – Using resources

C6 part 2 – The rate and extent of chemical change

P8 – Space physics (triple only)