



SCIENCE - CURRICULUM MAP

YEAR GROUPS	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
KEY STAGE 3 ROUTE A	- Lab Safety - Forces - MRS GREN	- The Periodic table - Elements, mixtures, and compounds - Cells/DNA/genes	- Variation, inheritance and evolution - Waves	- Metals and non-metals - Photosynthesis and respiration	- Energy - Magnets and electromagnets	Investigation
KEY STAGE 3 ROUTE B	- Cells and organs - Particle Model - States of matter	- Electricity - Interdependence	- Acids and alkalis - Chemical reactions - Motion and pressure	- Motion and pressure - Mid year assessment - Reproduction	- Reproduction - Earth - Atmosphere	- Earth and atmosphere, - Rock cycle, - Assessment week - Space - The solar system
KEY STAGE 4 ROUTE A	- B1 Cell Biology - C1 Atomic structure and the periodic table.	- P1 Energy - B2 Organisation	- C2 Bonding - P2 Electricity	- B3 Infection and response - C3 Quantitative Chemistry	- P3 Particle model - B4 Bioenergetics	- C4 Chemical changes - P4 Atomic structure and radioactivity - C5 Energy changes
KEY STAGE 4 ROUTE B	- B5 Homeostasis - C6 Rate of reaction	- P5 Forces - B6 Inheritance	- C7 Organic chemistry - C8 Chemical analysis	- B7 Ecology - P6 Waves	- B7 Ecology - C9 Evolution of the atmosphere	- P7 Magnets and electromagnet - C10 Using resources
YEAR 11	- Remaining Paper 1 and Paper 2 topics - Exam technique	- Unit recap - Paper 1 Mocks	- Mock gap analysis. - Unit recap	- Unit recap - Paper 2 mocks	- Mock gap analysis paper 2 - Exams	Exams