

5 Year Curriculum Plan Science

	Year 7	Year 8	Year 9	Year 10	Year 11 2018/2019
AUTUMN 1	Organisation 1 Scientific Processes 1	Scientific Processes 3 Forces 2	Cell Biology Atomic Structure and Periodic Table	Bioenergetics Quantitative Chemistry Electricity (2019 as not covered in year 9)	Hunan Impact on the environment Quantitative Chemistry Higher Electromagnetism Space - triple
	Matter 1	Organisation 2 Matter 2	Energy Space*	Homeostasis and Response Rate and extent of chemical change Waves	Paper 2 topic revision for November Mock
SPRING	Forces 1 Genes 1	Waves 2	Organisation Structure and Bonding	Evolution and Classification Chemical analysis Forces part 2 (not covered in year 9)	Paper 1 topic revision for February Mock
	Scientific Processes 2 Ecosystems 1	Genes 2 Reactions 2	Earth Chemistry* Waves 1*	Inheritance and Variation Chemical Changes and Energy changes recap year 9 Electricity / Energy and Forces overlap (not covered in year 9)	Identify areas of weakness across all topics
SUMMER	Reactions 1	Electromagnets	Infection and Response Ecosystems 2* Chemical Changes Electricity*	Paper 1 revision: Cells, Organisation, Infection and Response, Bioenergetics Atomic structure and periodic table, Structure and bonding, chemical changes, energy changes Energy, Particle Model, Atomic structure, Electricity	
	Energy 1	Ecosystems 2		Ecology Chemistry of the Atmosphere Electromagnetism	

Each of these units will have a science extended writing practice (6 marks is the maximum allocated in science), keyword definition and spelling test, a unit assessment and feedback sheets.

National Curriculum coverage key:

