Year	Autumn	Spring	Summer
7	• Working scientifically • Energy and fuels • Cells and organisation 1 • Matter, separating mixtures	• Pure and impure substances • Describing forces and motion 1 • Reproduction • Space	• Sound • Relationships and ecosystems • Chemical reactions • Current and static 1
8	• Energy changes and systems • Cellular respiration • Human organs systems and health • Atoms and the periodic table	• Forces and pressure • Photosynthesis • Energy and reactions • Light waves	• Light waves • Genetics and evolution • Earth and atmosphere • Magnetism
9	• Pure and impure substances 2 • Energy changes and systems 2 • Cells and organisation 2A • Atoms and periodic table 2 • Describing forces and motion 2	• Describing forces and motion 2 • Cells and organisation 2B • Chemical reactions 2 • Current and static electricity • Magnetism 2	• Magnetism 2 • Photosynthesis 2 • Earth and atmosphere 2 • Cellular respiration • Waves • Relationships in ecosystems • Chemical reactions 3

10	Biology- • Ecology • Health • Infection and response Chemistry- • Atoms and Periodic table • Structure and bonding • Energy changes Physics- • Forces in balance • Motion • Forces in motion	Biology- • Inheritance, variation, and evolution • Homeostasis and response Chemistry- • Quantitative chemistry • Chemical changes Physics- • Waves	Biology- • Homeostasis and response Chemistry- • Organic chemistry • Electrolysis Physics- • Space
11	Biology- • Ecology Chemistry- • Chemical analysis Physics- • Waves • Electromagnetic spectrum	Chemistry- • Earth's atmosphere • Earth's resources Physics- • Electromagnetic spectrum • Electromagnets • Space	Tailored revision in preparation for GCSE Examination

Curriculum Overview – Science- Rye Hills.