

Science KS4

Year 10

Autumn 1	Digestion and respiration Electricity 1: IV relationships Types of bonding		
Autumn 2	Quantitative chemistry Forces 2: Velocity and acceleration Principles of waves		
Spring 1	Human health Carbon Trends and patterns in the reactivity series		
Spring 2	Homeostasis 1 Energy and electricity Atoms and nuclear radiation		
Summer 1	Energy and reactions Transport in plants		
Summer 2	Resources Human impact		
Autumn 1	Structure of materials and their properties Electrolysis Reproduction		
Autumn 2	Rate of reaction Forces 3: Newton's laws		
Spring 1	Classification Biodiversity		
Spring 2	Revision		
Summer 1	Exams		
Summer 2	Exams		
Additional topics	Biology: Plants and disease Genetics Homeostasis 2 Energy and ecosystems	Chemistry: Bulk and surface properties Quantitative chemistry, gases and liquids Chemical changes and fuel cells Identification of ions Using materials Synthetic and natural polymers	Physics: Radiation Space Waves Moments Fields and inductions Pressure

Year 11