Science Curriculum Overview

KS	Year	Topics							
1	Year 1	Plants	Animals (inc. Humans)	Everyday materials	Seasonal Changes				
	Year 2	Living things & their habitats	Plants	Animals (inc. Humans)	Uses of everyday materials				
2	Year 3	Plants	Animals (inc. Humans)	Rocks	Light	Forces & Magnets			
	Year 4	Living things & their habitats	Animals (inc. Humans)	States of Matter	Sound	Electricity			
	Year 5	Living things & their habitats	Animals (inc. Humans)	Properties and changes of materials	Earth and space	Forces			
	Year 6	Living things & their habitats	Animals (inc. Humans)	Evolution and inheritance	Light	Electricity			
3	Year 7	Cells	Reproduction	Producers	Ecosystems				
		Intro lessons	Particle Model	Separating Mixtures	Acids & Alkalis	Metals & reactions			
		Energy	Unit 2: Thermal energy transfers 1	Forces 1	Solar System				
	Year 8	Diet & Digestion	Respiration & Exercise	Inheritance & Evolution	Bigger Picture				
		Atoms & Elements	The Periodic Table	Earth - Rocks	Earth - Resources & Climates				
		Forces 2 (Levers, pressure, magnets)	Unit 6: Thermal energy transfers 2	Sound	Light				
4	Year 9	Cell Biology	Organisation & The Digestive System	Respiration	Health				
		Chemistry Foundations (Atoms & Ions)	Atomic Structure & Chemical Equations	The reactivity series, Displacement reactions & Extracting metals	Separating Mixtures				
		Energy stores & resources	Energy calculations	Particle theory	Thermal Energy				
	Year 10	Infection & Response	Nerves	Hormones	Plants	The Environment			
		Salt & Neutralisation	Rates	Energy	Structure & Bonding	The Periodic Table	Electrolysis	The Atmosphere	
		Atomic Structure & Radioactivity	Circuits	Electricity in the home	Forces As Vector Quantities	Pressure in Fluids (T)	Motion	Force & Motion	Moments (T)
	Year 11	Transport	Homeostasis	Variation	Inheritance				
		Crude Oil & Fuels	Chemical calculations	The Earth's Atmosphere	Reversible Reactions & Equilibrium	Chemical Analysis			
		Waves	EM Waves	Uses waves (T)	Space (T)	Electromagnetism & Motors	Electromagnetic Induction (T)		

AUDE SAPERE

Biology
Chemistry
Physics