



Year 9

Subject and Year Group	Autumn Year 7	Autumn 2 Year 7	Spring 1 Year 7	Spring 2 Year 7	Summer 1 Year 7	Summer 2 Year 7			
Topic/Unit to be studied	Genes 3 - Inheritance and Evolution	Matter 3 - Atomic Structure & the Periodic Table	Forces 3 – Mass & Density	Health and Disease 2 – Immunity & Respiration	Reactions 3 – Energy Change	Energy 3 - Magnetism	Ecosystems 2 - Biodiversity and Human Impact	Earth 3 - Earth Earth's Cycles	Start GCSE
Core Knowledge and skills	Variation DNA Competition Adaptation Evolution	Atomic Model Subatomic Particles Periodic Table Physical Properties Properties and Reactions of Group 1, 7 and 0	Mass and Weight Hidden Forces Turning Effect Floating and Sinking Density Pressure in Fluids	Pathogens Transmission & Prevention Human Defences Vaccination Antibiotics Plant Diseases & Defences Aerobic Respiration Anaerobic Respiration Ventilation	Exothermic and Endothermic Reactions Complete and Incomplete Combustion Calorimetry Displacement Energy Changes In Reactions	Magnets Magnetic Fields Electric Charge Electromagnets and Their Uses	Photosynthesis Adaptations for Photosynthesis Investigating Photosynthesis Biodiversity Threats to Biodiversity Improving Biodiversity Sustainability	Rock Cycle Water Cycle Carbon Cycle	
Assessment	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.	End of Unit assessment (MCQ/short answer/long answer) – teacher assessed. APP (Skills based) – peer assessed.