



Year 8

Subject and Year Group	Autumn Year 8		Autumn 2 Year 8	Spring 1 Year 8		Spring 2 Year 8		Summer 1 Year 8		Summer 2 Year 8
Topic/Unit to be studied	Cells 2 – Transport around the Body	Matter 2- Conservation of Mass	Forces 2 – Speed and Motion	Genes 2 - Reproduction	Reactions 2 - Making Salts	Energy 2 - Heating and Cooling	Health & Disease 1 - Lifestyle and Health	Earth 2 - Atmosphere	Waves 2 - Solar System and Beyond	
Core Knowledge and skills	Diffusion Digestive System Circulatory System Respiratory System Musculoskeletal System	Word Equations and Chemical Formula Ionic Formula Balancing Equations State Symbols Precipitation Reactions Chromatography Gas Tests Flame Tests	Describing Speed Distance Time Graphs Velocity Acceleration Velocity Time Graphs Drag Terminal Velocity	Growth Life cycles Reproduction Menstrual Cycle Pregnancy Birth Contraception Reproduction in plants Seed Germination and Dispersal	Hazards Acids & Alkalis Indicators Neutralisation Acids and Metals Acids and Carbonates Making Salts	Temperature Heating and Cooling Cooling and Energy Transfer Thermal Conductors and Insulators Convection Thermal Store of Energy Specific Heat Capacity	Health Importance of Hygiene Public Health Balanced Diet Food Tests Fitness Smoking Drugs	Atmosphere Pollutants Carbon Footprint Global Warming Ozone	Planets and the Solar System Earth and Moon Gravity The Night Sky, Stars and Galaxies Days and Seasons	
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.	

Resilience

Responsibility

Reflectiveness