



Year 7

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	Cells 1 - Cells	Matter 1 – Particle Model	Forces 1 – Balanced and Unbalanced Forces	Ecosystems 1- Interdependence of Organisms	Reactions 1 – Chemical Change	Energy 1 - Simple Electrical Circuits	Genes 1 – Variation & Classification	Earth 1 - Earth's Structure	Waves 1 - Sound and Light
Core Knowledge and skills	Life Processes Preparing and Viewing Slides Cell Structure Specialised Cells Tissues and Organs Organ Systems	Changing State Particle Model Solutions Dissolving Separating Solutions	Describing Forces Balanced & Unbalanced Forces Friction Energy Stores & Transfers	Ecosystems Food Chains and Webs Ecological Pyramids Interdependence Populations Pollination Decomposition	Chemical & Physical Changes Atoms, Elements Compounds & Mixtures Word Equations Chemical Formulae Conservation of Mass Oxidation Thermal Decomposition	Making Circuits Electric Current Voltage Static Electricity Resistance Parallel Circuits Electrical Safety	Species Variation Classification	Earth's Structure Igneous Rocks Weathering and Erosion Sedimentary Rocks Metamorphic Rocks Earth's Resources Continental Drift	Types of Waves Sound Waves Speed of Sound How we Hear Reflection and Refraction of Light How we See Dispersion Colour
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