Subject	Physics  Interpretation of National Curriculum into Year group Endpoints		
Year	Term 1	Term 2	Term 3
	Students will describe and explain the concepts of:	Students will describe and explain the concepts of:	Students will describe and explain the concepts of:
	(Section 1 is Measurements and errors that are taught throughout the duration of the course)	3. Waves Progressive, longitudinal and transverse waves Superposition and stationary waves	6. Further mechanics 6.1 Circular motion and Periodic Motion
	2. Particles and Radiation	Standing Waves required practical	Simple Harmonic motion
	Constituents of the atom	Interference	Simple Harmonic systems
	Stable and unstable nuclei	Youngs double slit experiment	Simple Harmonic Oscillators Required Practical
	Particles, antiparticles and photons	Diffraction	Forced vibrations and resonance
	Particle interactions	Refraction	
12	Classification of particles Quarks and anti-quarks Photoelectric effect Energy levels and photon emission Wave-particle duality	5. Electricity Basics of electricity I-V characteristics	6.2 Thermal physics Thermal energy transfer Ideal gases Molecular kinetic theory
	4. Mechanics and materials Scalars and vectors Moments Equations of linear accelerated motion Newtons laws of motion g by freefall Required Practical Momentum Work, energy and power Bulk properties of solids Youngs modulus Youngs modulus required practical	Resistivity Resistivity of a wire Circuits Potential divider E.M.F and internal resistance Investigating the EMF and internal resistance of cells and batteries	