

Subject	Science		
	Interpretation of National Curriculum into Year group Endpoints		
Year	Term 1	Term 2	Term 3
7	<p>Properties of materials Physical and Chemical properties States of matter Changes of state Elements, compounds & mixtures Separating mixtures</p> <p>Forces What forces do Describing forces Balanced and unbalanced forces Friction Energy stores and transfers</p> <p>Cells Living, dead or never been alive? Cells and cell structures.</p> <p>From Cells to organ systems Digestive system Gas exchange system The human skeleton and muscles</p>	<p>Chemical changes Chemical vs physical changes Types of chemical reactions Thermal decomposition Displacement Chemical formulae</p> <p>Solar system and beyond + Earth and Sun Planets and the solar system Gravity The night sky Days and Seasons</p> <p>Sound and light Production and transmission of sound Characteristics of light</p> <p>Inheritance Heredity and genetic information. Variation.</p>	<p>Mass and Energy in reactions Conservation of mass Endothermic and exothermic reactions Combustion and pollution</p> <p>How we see The 'passive eye' model of vision Seeing in Colour</p> <p>Making images The ray model of light to explain images Refraction and lenses</p> <p>What are health and disease Good and ill health. Disease.</p> <p>Human lifestyles and health Diet (inc. plant nutrition) and exercise.</p>