

## Key Stage 3 Science Long Term Plans Group 1

	<b>Year 7</b>	<b>Year 8</b>	<b>Year 9SL (revision and extension)</b>
<b>Autumn 1</b>	Circulation/skeletons and Muscles/ Digestion and Teeth/Keeping Healthy	Changes of Materials	Cells and organisation Health, nutrition and digestion Teenagers: changes problem solving: pure and impure substances
<b>Autumn 2</b>	Light and sound	Forces and Mechanical Devices	Periodic Table: Particulate nature of matter, atoms, elements and compounds Electricity: Electricity and electromagnetism and Magnetism, Energy
<b>Spring 1</b>	Electricity	Evolution and Inheritance	Food chain: Relationships in eco-systems Light waves and Sound waves Chromatography: Pure and impure substances
<b>Spring 2</b>	States of Matter + Separating mixtures and materials	Earth and the Atmosphere + Rocks fossils and soils	pH: Chemical reactions Forces: Forces and motion and balanced forces Pressure: Pressure in fluids Heat: energy changes and transfer Rocks: Earth and atmosphere
<b>Summer 1</b>	Properties of Materials	Life Cycles + Living Things	Plants: Reproduction, gas exchange systems, photosynthesis Changes: Energetics, materials chemical reactions: Matter, Physical changes Pollution: Relationships in an ecosystem,
<b>Summer 2</b>	Grouping and Classifying + Plants + food chains	Earth and Space	Relationships and sex education: reproduction Practical work Inheritance and Adaptation: chromosomes, DNA and genes Research