

Year 8 - Term 1 Science Test Topics

Section A Paper	Section B Paper
<p>Topic: Atoms, Elements and The Periodic Table <i>Key focus: The difference between elements, compounds and mixtures. Common properties and uses of elements.</i> Elements, compounds and mixtures - BBC Bitesize</p> <p>Atoms and molecules - BBC Bitesize</p> <p>Developing the periodic table - BBC Bitesize</p> <p>Topic: Conservation of Mass and Combustion. <i>Key Focus: Reactants and products of combustion and testing for these products. Writing word equations for combustion.</i> Combustion: what is it? - BBC Bitesize</p> <p>Conservation of mass - BBC Bitesize</p>	<p>Topic: Energy/ Heat transfer <i>Key Focus: Conduction and convection, Insulators, investigation skills (variables, fair testing, accuracy and safety)</i> Conduction, convection and radiation - Heat transfer - BBC Bitesize</p> <p>Planning an experiment - Practical skills for carrying out a scientific investigation - BBC Bitesize</p> <p>Topic: Exercise and Respiration <i>Key Focus: The effects of exercise on the body. Aerobic and Anaerobic Respiration</i> Muscles - Skeletal and muscular systems - 3rd level Science Revision - BBC Bitesize</p> <p>What is the difference between aerobic and anaerobic respiration? - BBC Bitesize</p>