

Exam Topics:

1. Science and technology – definitions, branches of science, uses of technology
2. Scientists – name the skills of a scientist and definition/explanation of each skill
3. Safety – symbols, safety rules; fires – ways of starting and ways of extinguishing a fire; first aid – definition of; treatment for minor injuries such as a small cut, etc
4. Measurement – time, volume, length, mass, temperature – units and instruments used for each
5. States of matter – the three states of matter, how the particles in a solid, liquid and gas are arranged; how changes in state occurs e.g evaporation, melting, etc
 - Properties of water and uses of water, the water cycle, the need to conserve water
6. Mixtures – definition of: mixtures, solute, solvent, solution, suspension; separation methods/techniques and how each separation technique works
7. Metals and non-metals – properties of metals and non-metals, uses of metals and non- metals; names of alloys and their uses; rusting – conditions necessary for rusting to occur, word equation of the process, ways to prevent rusting
8. Acids and bases – properties, examples of common acids and bases (alkalis) and their uses; neutralization – definition, word equation
9. Physical and chemical changes – definitions, examples of physical and chemical changes e.g when making a cake
10. Characteristics of living things – the names and definitions/descriptions of each characteristic

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