

Long term plan Key Stage 3 Science

Science	Topics, in order
Year 7	<ol style="list-style-type: none"> 1. What matter is made of 2. Acids and alkalis 3. Separating techniques 4. Earth's structure, formation and resources 5. Contact and Non Contact forces 6. Waves 7. Electrical circuits 8. Energy types, transfers and costs 9. Energy Resources 10. Cells 11. Organ systems - Breathing, Movement, reproduction 12. Interdependence within the environment
Year 8	<ol style="list-style-type: none"> 1. Climate 2. Periodic table 3. Types of reaction 4. Motion and forces - including speed 5. Pressure 6. Magnetism and electromagnetism 7. Electricity. 8. Heating and cooling 9. Space and the universe 10. Organ systems - Digestion and Respiration 11. Photosynthesis 12. Inheritance and Variation
Year 9	<ol style="list-style-type: none"> 1. Recap Atomic structure in relation to ionic and covalent bonding 2. The periodic table 3. Isotopes 4. Energy changes - Conservation and dissipation 5. Energy resources - Fossil fuels, solar, wind, nuclear and GPE 6. Electricity circuits 7. Energy transfers by heating 8. Energy changes 9. Waves 10. Cell structure, transport and division 11. Puberty and Reproduction 12. Variation and evolution