

# THE ACORNS SCHOOL: LONG TERM PLAN

Subject: KS3			Entry Level Science			Staff: Donna Low		
Autumn			Spring			Summer		
<p><a href="http://filestore.aqa.org.uk/resources/science/specifications/AQA-5960-SP-2016.PDF">http://filestore.aqa.org.uk/resources/science/specifications/AQA-5960-SP-2016.PDF</a></p> <p><b>Biology Component 1</b>  <b>The human Body</b>            Cells, tissues, organ and organ systems.            The digestive system.            Respiration.</p> <p><b>Teacher devised assignment</b> - Investigate the energy released by burning a 'low fat' crisp (or rice cake) with a normal one.</p>			<p><b>Chemistry Component 3</b>  <b>Elements, mixtures and compounds</b>            Atoms, elements and compounds.            States of matter.</p> <p><b>Teacher devised assignment</b> - Investigate the melting points of a range different substances.</p>			<p><b>Physics Component 5</b>  <b>Energy, forces and the structure of matter</b>            Energy, energy transfers and energy resources.            Forces at work.            Speed and stopping distances.</p> <p><b>Teacher devised assignment</b> - Investigate how different surfaces affect the amount of friction on a moving block.</p>		
Half Term			Half Term			Half Term		
<p><b>Biology Component 1</b>  <b>The human Body</b>            Diet and lifestyle.            How the body fights disease.            How the body is coordinated.</p> <p><b>Teacher devised assignment</b> - Investigate the effect of exercise on pulse rate.</p>			<p><b>Chemistry Component 3</b>  <b>Elements, mixtures and compounds</b>            Separating mixtures.            Metals and alloys.            Polymers</p> <p><b>Teacher devised assignment</b> - Investigate the different colours in inks or food colours using paper chromatography.</p>			<p><b>Physics Component 5</b>  <b>Energy, forces and the structure of matter</b>            Atoms and nuclear radiation.            Speed and stopping distances.            Atoms and nuclear radiation</p> <p><b>Teacher devised assignment</b> - Investigate factors that affect human reaction time, tiredness, distraction, practice.</p>		