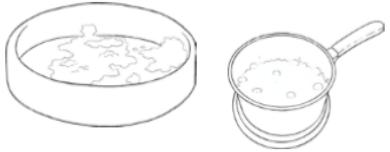
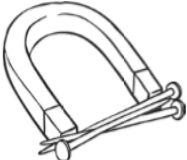




Tuesday 31<sup>st</sup> March 2020

LO: To understand the processes used to separate mixtures of materials.

Decide which process would be the best for separating each mixture of materials, write in the correct space, then draw a picture of what the separation process would like. You could even label the equipment you have included in your picture.

<b>Evaporation</b>	<b>Magnetic attraction</b>	<b>Filtration</b>	<b>Sieving</b>
			
<p>Boil the mixture, or leave it for a few days, so the liquid evaporates leaving the solid behind.</p>	<p>Use a magnet to attract any magnetic materials and remove them from the mixture.</p>	<p>Line a funnel with filter paper and place it over a beaker. Pour the mixture slowly into the filter paper. The liquid will get through and any insoluble solids should be caught in the filter paper.</p>	<p>Pour the mixture through a sieve held over a bowl. The small particles will get through it into the bowl and the larger particles will be caught in the sieve.</p>
<p><b>Sand and water</b></p> <p>To separate these materials, I would use:</p> <hr/>	<p><b>Diagram:</b></p>	<p><b>Paperclips and rice</b></p> <p>To separate these materials, I would use:</p> <hr/>	<p><b>Diagram:</b></p>
<p><b>Raisins and flour</b></p> <p>To separate these materials, I would use:</p> <hr/>	<p><b>Diagram:</b></p>	<p><b>Salt and water</b></p> <p>To separate these materials, I would use:</p> <hr/>	<p><b>Diagram:</b></p>