
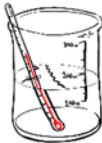

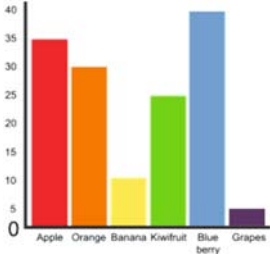

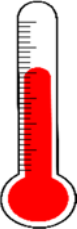







The Scientific Method

Step	Description	Example														
<p>Observations</p> 	<p>Summarize the findings in 2 parts. Was the hypothesis correct or incorrect? Answers the questions in the problem.</p>	 <p>Does the temperature of water change how much sugar will dissolve in it?</p>														
<p>Results</p> 	<p>Make a prediction about what will happen in the experiment.</p>	 <table border="1" style="display: none;"> <caption>Sugar Dissolution in Fruits</caption> <thead> <tr> <th>Fruit</th> <th>Sugar Dissolved (approx. units)</th> </tr> </thead> <tbody> <tr> <td>Apple</td> <td>35</td> </tr> <tr> <td>Orange</td> <td>30</td> </tr> <tr> <td>Banana</td> <td>10</td> </tr> <tr> <td>Kiwifruit</td> <td>25</td> </tr> <tr> <td>Blue berry</td> <td>40</td> </tr> <tr> <td>Grapes</td> <td>5</td> </tr> </tbody> </table>	Fruit	Sugar Dissolved (approx. units)	Apple	35	Orange	30	Banana	10	Kiwifruit	25	Blue berry	40	Grapes	5
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<p>Procedures</p> 	<p>Shows your findings</p>	 <p>The hypothesis was correct. The hot water dissolved the most sugar.</p>														
<p>Problem</p> 	<p>Information and measurements gathered using your 5 senses</p>	<table border="1" data-bbox="992 1136 1453 1255"> <tbody> <tr> <td>Hot water</td> <td>3 spoonfuls sugar</td> </tr> <tr> <td>Warm water</td> <td>2 spoonfuls sugar</td> </tr> <tr> <td>Cold water</td> <td>1 spoonful sugar</td> </tr> </tbody> </table> 	Hot water	3 spoonfuls sugar	Warm water	2 spoonfuls sugar	Cold water	1 spoonful sugar								
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<p>Hypothesis</p> 	<p>An experimental question the experiment is trying to answer</p>	 <p>If the water is hot then more sugar will dissolve because the particles are moving faster.</p>														
<p>Conclusion</p> 	<p>List of steps to be followed Must be details Includes the variables</p>	<ol style="list-style-type: none"> 1. Prepare water at 3 different temperatures 2. Add spoonful of sugar to each. 3. Stir until dissolved 4. Keep adding sugar until no more can be dissolved 