

Name:

How to Design an Experiment	
<i>Definition &amp; Explanation</i>	<i>Example</i>
<b>Hypothesis:</b> Explanation of an observation/ tentative reason explaining why or how something is true.	
<b>Prediction:</b> Expectations assuming the hypothesis is correct; if these expectations are correct/incorrect, then they should indicate that the hypothesis is also correct/incorrect.	
<b>Experiment:</b> A method of testing a prediction.	
<b>Test Subjects:</b>	
<b>Experimental Group</b> (of test subjects):	
<b>Control Group</b> (of test subjects):	
<b>Independent Variable:</b>	
<b>Dependent Variable:</b>	
<b>Constants</b> (or Controls):	