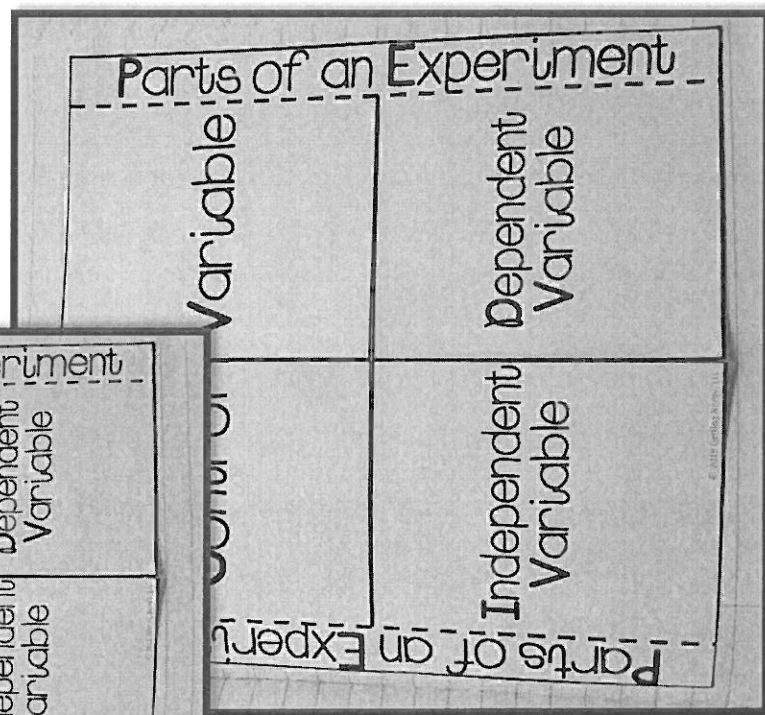
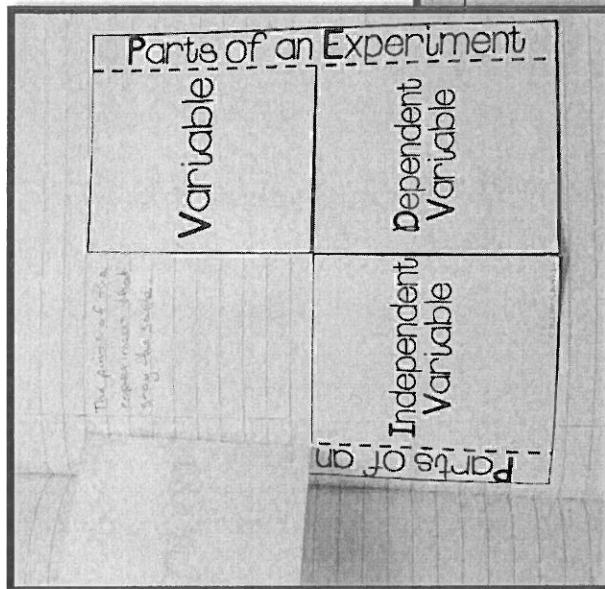


Parts of an Experiment Four Door Teacher Notes/Answer Key

Parts of an Experiment	
<p>Control or Controlled Variable the variables that the scientist wants to remain constant and controlled in the experiment so he/she can better observe the dependent variable.</p>	<p>Variable A factor or part of an experiment that differs by amount. Experiments often have three variables: Controlled, Independent, and Dependent.</p>
<p>Independent Variable the variable changed by the scientist. A good experiment has only ONE independent variable. As the scientist changes the independent variable, he or she makes observations about what happens and collects data</p>	<p>Dependent Variable the variable you measure in the experiment. It responds to or "depends" on the independent variable</p>



Directions: Cut out the diagram along the dark lines and glue the INB activity into your notebook along the folded tabs to create a four door table. Underneath each door/flap describe what you know about each of the four parts of a scientific experiment: control, variable, dependent variable, independent variable.