Student Sheet	Name: Period:
Title: Recognizing Chemical Reactions	
Introduction: To know whether or not a chemical reaction has taken place, you have to be able to recognize the signs! In this activity, you'll observe several different chemical reactions and start a working list of things to look for to determine if a chemical reaction has occurred.	
Materials: 200 mL beaker phenolphthalein solution (1% acidified)	small piece of an antacid sodium carbonate solution tablet graduated cylinder ferric ammonium sulfate tap water solution
 Add several drop data table below. Drop the piece of data table. There taste! Add 20 mL of the observations. Add 20 mL of some beaker closely and Dispose of your servations. 	APRON! Pour about 50 mL of tap water into a beaker. It is of phenolthalein to the beaker and record your observations in the (Phenolpthalein is an acid/base indicator.) In antacid tablet into the beaker and record your observations in the ele should be more than one observations use all of your senses but ferric ammonium sulfate solution to the beaker and record your obdium carbonate solution to the beaker. Observe the bottom of the indicator of your observations in the data table. Solution down the drain with plenty of water. Rinse your beaker and the well with water, put them back in your drawer, and clean up your
Data:	
Data Table 1: (insert descriptive title)	
Substance Added	Observations
phenolpthalein	

antacid tablet

ferric ammonium sulfate

sodium carbonate

Analysis:
1. You observed several different chemical reactions in this activity. One the back, summarize the changes that may occur in a chemical reaction.
2. What are some indicators of chemical change you did not observe in this lab?
3. How trustworthy is color change? Does it always indicate a chemical change?
4. What are characteristics of chemical change?
Conclusion: