



Name _____

Chemical Reactions

**GOGGLES MUST BE WORN DURING
THIS INVESTIGATION!**



Purpose: To observe a chemical reaction and identify the evidence of the reaction.

Materials:

1 Ziploc®™ plastic bag	1 spoon CaCl_2
1 small test tube of indicator solution	1 spoon NaHCO_3

1. **Put on your goggles.**
2. Put one spoon of CaCl_2 in one corner of the plastic bag.
3. Make observations about the physical properties of the CaCl_2 . Record.
4. Put one spoon of NaHCO_3 in the other corner of the plastic bag.
5. Make observations about the physical properties of the NaHCO_3 . Record.
6. Combine the CaCl_2 and NaHCO_3 in the bag. Observe the properties. Record.
7. Make observations about the indicator solution. Record.
8. **CAREFULLY** place the test tube of indicator solution in the plastic bag. **DO NOT LET IT SPILL.**
9. Squeeze the air out of the plastic bag and seal it.
10. **WITH THE BAG SEALED**, tip the test tube and let the indicator solution spill into the CaCl_2 and NaHCO_3 .
11. Observe and record.

Data:

	Properties of the Chemicals
CaCl ₂	
NaHCO ₃	
Combination of CaCl ₂ & NaHCO ₃	
Indicator Solution	
Combination of CaCl ₂ & NaHCO ₃ and Indicator Solution	

