

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

### **Investigating Chemical Changes**

**Question:** What are some signs of a chemical change?

**Procedure:**

1. Add 80 ml of water to one of the cups.
2. Add three full droppers of iodine solution to the cup with the water and record your observations.
3. Add a spoonful of cornstarch to the iodine solution and stir. Record your observations.
4. Measure 60 ml of water and pour it into a second cup.
5. Using a clean dropper, add 4 full droppers of the iodine/cornstarch solution to the second cup.
6. Drop a Vitamin C tablet into the second cup and stir the liquid with a clean spoon until the table is dissolved. Record your observations.

**Observations: (Remember to record your observations in COMPLETE sentences.)**

**Questions:**

1. What changes did you observe in the first cup?

2. What changes did you observe in the second cup?

3. Do you think that chemical changes occurred? Why or why not?  
Explain your answer.

4. What are some characteristics of chemical changes?