



Physical & Chemical Changes: Student Activity Sheet

Name: _____

Date: _____

Part 1: Exploration, Iron and Water

Date	Time	Observations	
		No Water	Water

Part 2: Steel and Other Liquids

Date	Time	Observations			
		Vinegar	Clear Soda	Vegetable Oil	Water

For each cup, determine whether you think you have evidence in your observations for a physical change, chemical change, or both. Support your claims with evidence from your observations.

Liquid	Physical Change	Chemical Change	Evidence to Support
Vinegar	Y N	Y N	
Clear Soda	Y N	Y N	
Vegetable Oil	Y N	Y N	
Water	Y N	Y N	

Part 3: Physical and Chemical Changes

1. Record all of your observations of the reaction.

2. Explain if any physical and/or chemical changes occurred and provide evidence. _____

3. What do you notice about the temperature of the water? _____

4. Use evidence to explain what type of reaction occurred. _____
