

Name _____

The Heat is On!

1. Put on goggles. They must stay on until all chemicals are cleaned up.

2. Write your observations of the substances in the bag and bottle.

Temperature of liquid _____

Temperature of solids _____

3. When your teacher tells you, zip the bottle of liquid inside the bag. When it is zipped tightly, tip the bottle of liquid over into the powder. Watch for changes.

4. What changes did you observe? Write them below. Be sure to measure temperature.

5. Was this a physical change or a chemical change? Provide evidence below.

- a. _____
- b. _____
- c. _____

6. Filmstrip: Using the four to five filmstrip cells below, illustrate what happened during this experiment. Under each cell, write a one-sentence caption telling about the picture. Use words like: chemical change, produces heat, produces a gas, changes color, product, reactant, solid, liquid, and temperature.

1.	2.	3.	4.	5.
