Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_

Sunset in a Bag

Exit Ticket

Hypothesis: If the substances chemically react when mixed together, then \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. What are the signs of a chemical reaction?

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2. What is an exothermic chemical reaction? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What is an endothermic chemical reaction? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Is boiling water and turning it into water vapor a physical or chemical reaction? **Explain.**

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5. If you combine two substances & heat is released, in other words it gets hotter, what type of change is occurring?

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6. In the Sunset in a Bag lab, what type of observations did you make qualitative or quantitative?

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7. In the Sunset in a Bag lab, explain how you knew that energy was released in this experiment. **(Write in complete sentences)**

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8. Conclude: (**Reflect back to your hypothesis)**

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Learning Rubric

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| 4 |  | I can make observations during a laboratory, determine if a chemical reaction is taking place, provide evidence of the chemical change that occurred and distinguish between exothermic and endothermic reactions. |
| 3 |  | I can make observation during a laboratory and determine if chemical reactions are taking place using my knowledge of the signs of a chemical reaction. |
| 2 |  | I can list the signs that a chemical reaction occurred. |
| 1 |  | I cannot list the signs that a chemical reaction has occurred without looking them up. |

I need more practice on/ I have a question on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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