

### Reflection on Burning Candle Activity

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Define *observation*.

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2. Define *inference*.

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3. List below some of your class’s observations and inferences about the “candle” you saw in class.

**Observations**

**Inferences**

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4. What was an observation that you made at the beginning that turned out to be an inference?

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5. Describe an example of how scientists use observations and inferences to understand some aspect of the natural world.

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