



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Making Observations: Candle Activity

Goal: To learn something about science and what scientists do.

Materials: Candles, Index card, ruler, Lighter (teacher only)

Procedure:

1. Make as many observations as you can of the unlit candle.
2. Use a lighter to heat the bottom of the candle.
3. Stick the candle to the index card.
4. Ignite the wick on the candle.
5. Make as many observations as you can for 10 minutes or for the life of the candle.

Making Some Observations

Directions: Using your five senses, make as many observations as you can in ten minutes. Remember to use all the materials that you were provided with.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

Qualitative & Quantitative Observations

Directions: On the lines provided, define the following terms.

qualitative observation:

quantitative observation:

Directions: Separate the observations that you made above into qualitative and quantitative observations.

Qualitative Observations

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Quantitative Observations

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____