

# Magma/Lava Candle Wax Experiment!

To do this activity you need:

- Two candles
- Two containers filled with water, one hot and one cold.
- Science worksheet (below)

I taught this lesson in a 6<sup>th</sup> grade self-contained classroom. It was in their textbook as a, "try it at home." We read about the properties of magma in the textbook. When we did this activity, we came up with a hypothesis as a class, and I read the procedure we were going to do. Then I broke the class into two groups, one with me and one with the TA. One got the hot water, and one got the cold water. The TA and myself poured the candle wax, for safety reasons obviously, and the students observed and recorded their observations in the appropriate box. After that, the class came together again and we drew a conclusion together. The activity was planned to take the whole period, but it only took about 30 minutes.

**Thanks for purchasing it, Enjoy! 😊**

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

### Lava/Magma Candle Wax Experiment

**Question:** How does temperature affect the movement of lava?

**What I know about lava/magma:**

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**Hypothesis:**

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**Procedure:**

1. Place cold water in one cup, and warm/hot water in another.
2. Light a candle until a decent amount of candle wax is there.
3. Pour some wax into each cup.
4. Observe.

**Observations:** (draw a picture or write descriptive words)

Candle Wax in Hot Water

Candle Wax in Cold Water



**Analysis/Conclusion:** Was my hypothesis correct? Yes or No

How does this relate to magma?

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