

Name _____

Date _____

RECAST Activity: Two Candles

1. Explain what happened when your teacher put the smaller candle in Beaker A and the larger one in Beaker B. Why did it happen?
2. Explain what your teacher did next and what happened. Why did it happen?
3. Why do some things sink and some things float? Try to make up a general rule that you could use to predict why some things sink and some things float. What does it depend on whether something sinks or floats in a liquid? Even if you're not sure, give it some thought and write down your best ideas.
4. How would you explain the results of the experiment? Explain why what happened with each candle happened.
5. On the back of this sheet, draw a model of the beakers and the candles showing your ideas about why these results happened. Be sure to explain about each candle and beaker. Your picture should be an explanation of your ideas.