

Scientist: _____ Date: _____

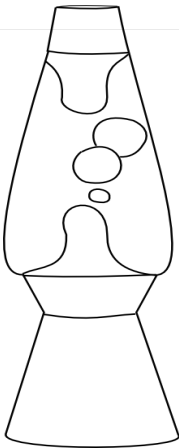
Oil Lava Lamp

QUESTION

Can I create a gas using only a solid and a liquid?

HYPOTHESIS

I think that _____
_____ will happen because
_____.



MATERIALS

Clean, plastic soda bottle, glass, jar, or Baby Soda Bottle
Vegetable oil (the cheaper the better)
Food coloring
Alka-Seltzer tablet or Fizzy Tablets
Funnel
Water

EXPERIMENT

1. Put on your safety goggles!
2. Fill the bottle 3/4 full with vegetable oil.
3. Fill the rest of the bottle with water (almost to the top but not overflowing).
4. Add about 10 drops of food coloring. Be sure to make the water fairly dark in color. Notice that the food coloring only colors the water and not the oil. Hmm...
5. Divide the Alka-Seltzer tablet into 8 pieces. Drop one of the tiny pieces of Alka-Seltzer into the oil and water mixture. Watch what happens. When the bubbling stops, add another chunk of Alka-Seltzer. It's just like a lava lamp!

Oil Lava Lamp

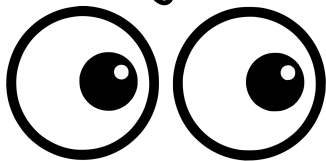
RESULTS

Draw a detailed scientific sketch of what you observed

OBSERVATION

Write a vivid statement on what you observed using your senses.

Sight



CONCLUSION

I agree / disagree with my hypothesis because _____

