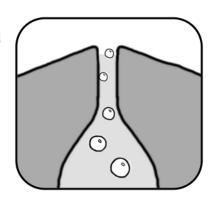
Name:								

Lava Experiment #1

Bubbles form in lava as it rises up from deep underground. With a straw, you can add bubbles to your lava, too.



- 1. Stir each sample with your straw, then blow bubbles in each cup. Note: bubbles in the thick lava may not look like the bubbles you're used to. Watch for craters when they burst through the surface.
- **2.** Which lava is it **easiest** to blow bubbles in?

the thin lava

the thick lava

3. See if you can blow just 1 bubble in each cup.

Can you do it in the thin lava? Explain:

Can you do it in the thick lava? Explain:

4. How are the bubbles different in the different lavas?

Lava Experiment #2

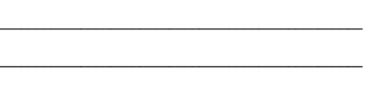
5. With your partner, put 1 spoonful of the **THIN** lava on the plate. Try to make it into a mountain-shape. Draw a picture in the box showing how tall it turned out:

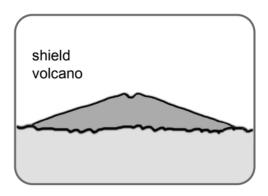


6. Repeat step 1 with the **THICK** lava.



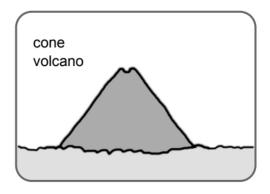
7. What kind of lava do you think shield volcanoes have? Why?





8. What kind of lava do you think **cone volcanoes** have? Why?





Watch the next video to see which type of bubbles makes volcanoes explode!