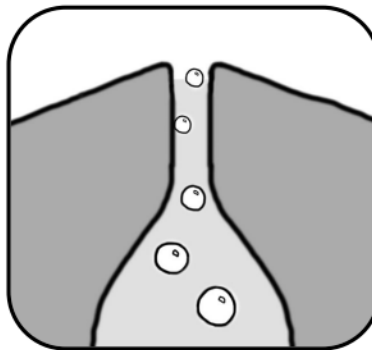


# Lava Experiment #1

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: \_\_\_\_\_

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Can you do it in the thick lava? Explain: \_\_\_\_\_

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

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

# 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.

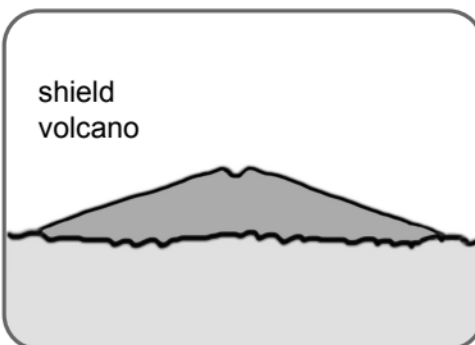


7. What kind of lava do you think **shield volcanoes** have? Why?

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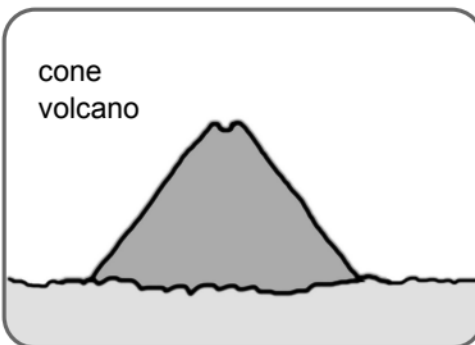


8. What kind of lava do you think **cone volcanoes** have? Why?

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