

Let's see those bubbles **BOUNCE!**



LAVA LAMP OBSERVATION LOG

Little Lab Challenges • Episode 5

Great scientists observe!



Build it. Watch it. Observe it like a scientist!

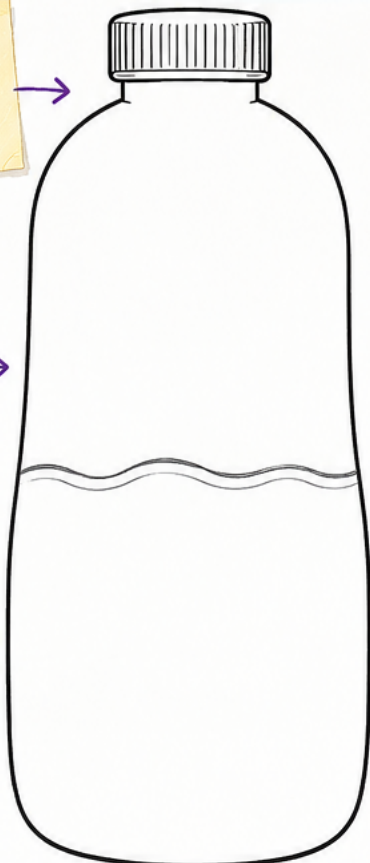
Draw what your lava lamp looks like!



Oil
(less dense)



Water
(more dense)



OBSERVATIONS

1 What colors did you use?



2 What happened first?



3 About how many bubbles did you count?



4 How long did the bubbling last?

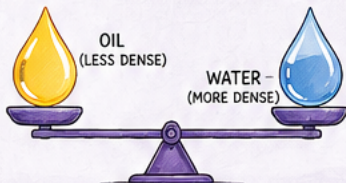


5 Was warm or cold water faster?



DID YOU KNOW?

Oil floats because it's **less dense** than water!



VARIABLE TEST: WATER TEMPERATURE

Rate the bubble speed in each test.

	Cold Water ❄️	Room Temp Water 🌡️	Warm Water ☀️
Bubble Speed (slow / medium / fast)			



Tip: Keep everything else the same — only change the water temperature!

BIG WORDS TO KNOW!



DENSITY

The amount of matter packed into a certain space.



CARBON DIOXIDE

A gas that is produced during a chemical reaction.



CHEMICAL REACTION

When two or more substances mix and create something new!

COMING NEXT!

Episode 6: Mini Marshmallow Catapult

Can you launch your marshmallow farther than before?



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- ✓ Printable badges
- ✓ Science journals
- ✓ STEM challenges
- ✓ Certificates
- ✓ Monthly activity packs

