

LAVA “LAMP”

BRIGHTEN UP YOUR
ROOM WITH
SCIENCE!

SUPPLIES NEEDED

- Plastic or glass bottle
- Water
- Vegetable oil
- Food coloring
- Alka-Seltzer
- Glitter (optional)
- Flashlight (optional)

STEPS TO MAKE YOUR LAVA LAMP

1. Fill the bottle a quarter full with water.
2. Add a few drops of food coloring until you like the color you see. You can add glitter too.
3. Fill the bottle almost to the top with vegetable oil. Let the mixture separate.
4. Break up two Alka-Seltzer tablets and drop them in the mixture. Watch your lava lamp bubble!
5. You can shine a flashlight behind or under your lava lamp to see it glow.



HERE'S A TIP: *If you want to keep your lava lamp, use a bottle with a lid. When you've finished with your lava lamp for the day, put the lid back on. To use it again, take the lid off and add more Alka-Seltzer tablets!*

DID YOU KNOW?

Oil is less dense than water, so it sits on top. The Alka-Seltzer tablets dissolve in the water and react to make bubbles of carbon dioxide gas.



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