

Love Potion Lava Lamp



- ♥ A clean water bottle
- ♥ 3/4 cup of water
- ♥ Vegetable Oil
- ♥ Fizzing tablets (such as Alka Seltzer)
- ♥ Food coloring



1. Pour the water into the bottle.
2. Use a measuring cup or funnel to slowly pour the vegetable oil into the bottle until it's almost full. You may have to wait for the oil and water to separate.
3. Add 10 drops of food coloring to the bottle. The drops will pass through the oil and then mix with the water below.
4. Break a seltzer tablet in half and drop the half tablet into the bottle. Watch it sink to the bottom and let the love potion begin!

How does it work?

The oil stays above the water because the oil is lighter than the water or, more specifically, less dense than water. When you added the tablet piece, it sank to the bottom and started dissolving and creating a gas. As the gas bubbles rose, they took some of the colored water with them. When the blob of water reached the top, the gas escaped and down went the water. You can store your Love Potion Lava Lamp with the cap on, and then anytime you want to bring it back to life, just add another tablet piece.