



# Mason Jar Lava Lamp

- Glass jar
- Vegetable oil
- Water
- Food coloring
- Antacid tablets (the ones that bubble in liquid)
- Glitter

When you add the vegetable oil to the jar, does it mix with the water or stay separate?

Water and oil *can't* mix because they have different chemical structures.

When you add the antacid tablet, it will sink down to the water at the bottom. The tablet causes bubbles of carbon dioxide in the water to rise through the oil. Adding the food coloring helps you see the bubbles better.

1. Fill a third of the jar with water.
2. Fill the rest of the jar with vegetable oil. Leave some room at the top for mixing.
3. Add food coloring.
4. Add glitter.
5. Add antacid tablets. Add them one by one at first, and then add a few at a time.
6. Turn off the lights and shine a flashlight on your lava lamp for a special effect!



“A new command I give you: Love one another. As I have loved you, so you must love one another.” John 13:34

Is there anyone in your life who you just don't get along with? Do you always end up arguing with them or wishing they would leave you alone? Maybe you're just like oil and water with them—you don't mix. Jesus knows that we won't get along with some people. He's not asking us to be best friends with people who are mean or annoying. But he is asking us to live with those people in love. Look at the oil and water. They never mix. But they still fill the same jar. And together, they create a miraculous lava lamp!