Color Works Jar

Materials
- Food coloring
- Warm water
- Vegetable oil
- Jar
- Tablespoon
- Dixie cup
- Toothpick

Safety
- Wash your hands thoroughly at the end of the activity.
- Follow your teacher’s instructions for how to clean up your materials.

Procedure
1. Fill a jar ¾ of the way to the top with warm water.
2. In a Dixie cup, add 3 tablespoons of oil and 4-5 drops of various colors of food coloring.
3. Using a toothpick stir the oil and food coloring mixture to break apart the color droplets so they form smaller ones.
4. Carefully pour the oil and food coloring into the glass of warm water.
5. Observe what happens with the colors, oil and water.

Observations

| What did you observe when you **first** mixed the oil, food coloring and water together? |
| What did you observe after the oil, food coloring and water had been mixed together for a few minutes? |