

Fireworks in a Jar

Introduction: We will have some explosive fun, as today we will be creating fireworks... in a jar!

Approximate Time: 5-10 minutes

Materials:

- Warm water
- Glass jar
- Food coloring in assorted colors
- Vegetable oil
- Fork
- Small bowl



Procedure:

1. Fill the jar $\frac{3}{4}$ of the way with warm water.
2. In a separate bowl, add about 3-4 tablespoons of oil.
3. Add several drops of food coloring in various colors to the bowl.
4. Using the fork, mix the oil and food coloring until small beads of color form.
5. Slowly pour the oil mixture into the jar of water.
6. As the liquids combine, the food coloring should slowly sink out of the oil and into the water. When this happens, it will expand and begin to mix with the other colors, creating the "fireworks" effect.

Tips & Tricks:

- Try the experiment with different combinations of colors of food dye to create different firework shows!