



FIREWORKS IN A JAR

Create your own spectacular
miniature fireworks show.

WHAT YOU'LL NEED:

- Large jar
- Small dish or bowl
- Water
- Vegetable oil
- Measuring spoons
- Food coloring
- Fork



HOW TO DO IT:

1. Fill your jar $\frac{3}{4}$ of the way with warm water.
2. In your small bowl, add 3 to 4 tablespoons of vegetable oil.
3. Add a few drops of food coloring to the oil. If you want, you can take your fork and mix the food coloring and oil together. Observe how the oil and food coloring interact – what do you think will happen when you pour this mixture in the jar?
4. Take your fireworks mixture and gently pour it into your jar.
5. Observe what happens as the mixture settles! Since the oil is less dense than water, it will float on top. The food coloring will sink into the water and begin to dissolve. See if you can make and cool patterns or shapes and put on a cool fireworks show for your friends!



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