

## Tie-Dye Surface Tension

### You'll Need

- Paper plate or shallow bowl
- Milk (whole, 2%, etc.)
- Food coloring in green, red, blue and yellow
- Dishwashing soap (Dawn works well)
- Spoon



### What to Do

1. Pour enough milk into the plate or bowl to create a solid surface. You should not be able to see the surface of the plate or the bowl.
2. Place three drops of each color in four circles in the center of the milk. It's okay if the drops of food coloring are not perfectly round. The experiment will still work.



3. Coat a spoon with dish soap. The soap should not be dripping off the spoon but the spoon should be completely coated with the soap.
4. Wash hands.
5. Place the spoon in the center of the milk and hold it there.
6. Watch as the colors swirl and mix together into a tie-dye design.

