

# Exploration Lab

## Magic Milk

 25 Minutes



### Instructions:

1. First pour enough milk to cover the bottom of the saucer or plate.
2. Near the center of the saucer/plate drip a drop of each color of food coloring, drip the drops close together.
3. Take a Q-tip and coat one end of it in the dish soap.



4. Now take the soapy side of the Q-tip and press it in the milk where all the colors of the food coloring intersect.

5. Hold the Q-tip steady for 10-15 seconds and watch what happens!
6. Once you do this you can also move the Q-tip to different areas of the saucer, where the colors have now gathered, to see what happens. You can also twist and turn the Q-tip to see its effect on the colors.



7. Once you are done moving the Q-tip take the Q-tip completely out of the milk to watch the colors continue to transform!

### OVERVIEW

Create an explosion of color using milk, soap and food coloring!

### SUPPLIES NEEDED

- Dish soap
- Q-tip
- Liquid food coloring (multiple colors)
- Small plate or saucer
- Milk (you can use 1% but 2% and whole milk work the best)

### ONLINE RESOURCES

- Instructional video



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Week 4  
Monday

Exploration Lab