



Rainbow Milk!



# What is Rainbow Milk?

- Not rainbows dumped in milk
- Food coloring in whole milk
- Fat in milk
- Reaction with dish soap moves fat
- Moves the food coloring with the fat





## Materials

- Whole Milk
- Q-tip
- Dish soap
- Food Coloring



# Procedure

- Pour the whole milk into the bowl
- Add in the desired colors



- Dip the Q-tip in dish soap
- Put the Q-tip in the milk and watch what happens!

# Why?

- Why did the colors disperse throughout the milk?
- Reason: Milk has fat in it → the detergent on the end of the Q-tip repels fat
- Dip the Q-tip in dish soap
- Put the Q-tip in the milk and watch what happens!



A hand is shown splashing water into a clear plastic tub. The water is splashing upwards, creating a large, bright blue splash in the center. Surrounding this central splash are several smaller, colorful splashes in shades of light blue, green, red, and purple. The tub is filled with water, and the background is a plain, light-colored surface. The text "Thank you!" is overlaid in the center of the image in a black, sans-serif font.

Thank you!