

# Mixing Colors Almost by Magic

## Materials:



- Cotton swabs
- Dinner plate
- Dish detergent
- Food coloring - used by instructor only

## Directions:

Step 1: Pour enough milk into dinner plate to cover the bottom.

Ask your instructor to add one drop of red, yellow, blue, and green food coloring close to the middle of the plate.

Step 2: Predict what will happen when a cotton swab touches the center of the milk.

Touch the swab to the center of the milk. Don't stir!

What happened?

Step 3: Place a drop of detergent on the end of the swab.

Predict what will happen when it touches the center of the milk.

Touch the milk with the swab. Don't stir!

What happened?

What color combinations do you observe?

Step 4: Place a drop of detergent on the end of another swab.

Predict what will happen when you place it in a new location on the plate.

Touch the swab to the milk.

What do you observe?



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