

# EXAMINING COLORS

## MATERIALS:

red, blue and yellow food color (primary colors)

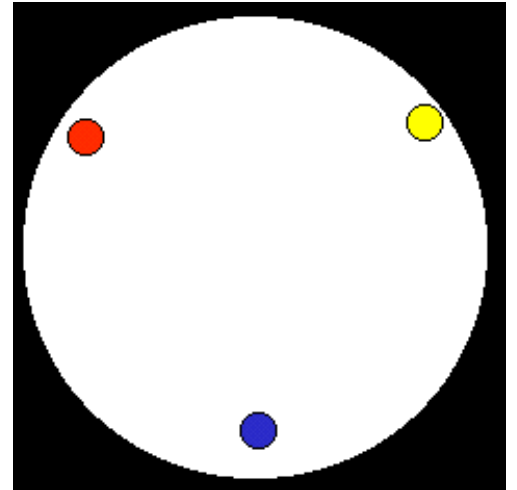
1 cup of milk

dish soap

shallow and flat bowl or container

## PROCESS:

- ❖ Pour 1 cup of milk into the bowl.
- ❖ Add 3 drops of red food colour to one edge of the bowl.
- ❖ Add 3 drops of blue food colour 1/3 of the way away.
- ❖ Add 3 drops of the yellow food colour 1/3 of the way away.
- ❖ Don't mix or jiggle the bowl.
- ❖ Squeeze a drop of the dish soap in the center of the bowl.



*Watch what happens!*

## EXPLANATION:

The dish soap does not mix with the milk. Instead, it floats on top and spreads over the surface.

As it spreads, it grabs the food colour of the primary colours.

Where the colours meet, they combine and form new colours. We call these colors, secondary colours!

Red + Yellow = Orange

Blue + Red = Purple

Yellow + Blue = Green