

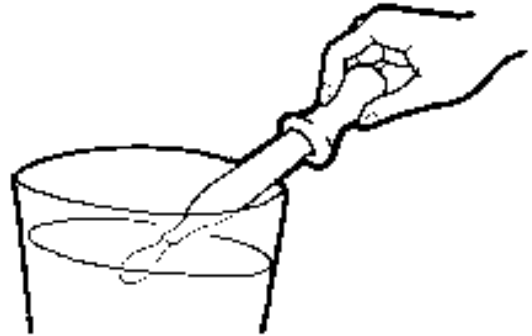
# Mixing Colors (cont.)

## What Color Do You See?

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Instructions

1. Put one drop of the first color into the cup.
2. Watch what happens to the coloring.
3. Use a crayon which is the same color as the drop to show how the drop spread in the water.



I added \_\_\_\_\_ coloring to the water.

4. Add a drop of the next color to the water and watch it sink and mix with the other color.
5. Use the toothpick and stir the water until the colors are mixed.
6. Add the second color and stir it into the water. Hold the cup up to the light so it will shine through the water to make it easier to see the new color. Write the two colors you mixed in the water and the new color which appeared.

I added \_\_\_\_\_ and \_\_\_\_\_ and got the new color \_\_\_\_\_.

7. Look at the color equations below and find the one you have just done. In the box, write the new color which appeared when these two colors were mixed. Other members of your group have added different colors to their water. Look at the color of the water in each of their cups. Finish the chart below to tell what color appears when the two colors are mixed together.

**Red + Green =**

**Red + Yellow =**

**Green + Blue =**

**Blue + Red =**

**Blue + Yellow =**

**Yellow + Green =**

# Mixing Colors *(cont.)*

## Color Chart

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Instructions:** Use the What Colors Do You See? data sheet to give the names of the colors that appear when you mix two colors in water. The color mix of red + yellow has been done for you as an example of how to finish this chart.

	Red	Green	Blue	Yellow
Red				orange
Green				
Blue				
Yellow				

Begin with the two colors which have been mixed in the cups and mix the third color following the equations below. Write the name of the new color which appeared.

1. Red + Green + Yellow = a new color \_\_\_\_\_
2. Green + Blue + Red = a new color \_\_\_\_\_
3. Blue + Yellow + Green = a new color \_\_\_\_\_

Now, pour all the cups of colored water into a large clear container and hold it up to the light to see what color the water has become. Write the name of the color this combination of colors makes.

red + blue + green + yellow = \_\_\_\_\_