

# Colorful Discoveries

## Preschool–Kindergarten

### Objectives

- Identifying red, yellow and blue as primary colors
- Understanding and demonstrating how primary colors combine to create secondary colors

### Materials Needed

- *Mouse Paint* by Ellen Stoll Walsh
- Big Bubbles solution [WD111]
- Lakeshore Big Bubbles Kit [EE604]
- Several trays or containers (for the bubble solution)
- Red, yellow and blue food coloring
- Unruled Chart Tablet [TA3385] or White Butcher Paper Roll [LX9990]

*Products with item numbers are available at [LakeshoreLearning.com](http://LakeshoreLearning.com).*



### Introduction

Read aloud *Mouse Paint* by Ellen Stoll Walsh.

### Procedure

1. Ask students to recall the three colors of paint the mice jumped into in *Mouse Paint*. (Red, yellow and blue.) Explain that the colors red, yellow and blue are called primary colors.
2. Encourage students to share what they learned about mixing these primary colors together. (They will make new colors!)
3. Pour some clear bubble solution into two different trays. Add a few drops of blue food coloring to one tray and yellow food coloring to the other.
4. Invite a student volunteer to blow blue and yellow bubbles onto a sheet of white chart paper or butcher paper. Ask students to observe what happens when the two colors mix on the paper. (Yellow and blue make green.)
5. Remind students that mixing two primary colors together will make a secondary color, like green.

### Guided Practice

1. Pair students with a partner and take them outside for this activity. Give each pair two trays of clear bubble solution, a bubble wand and a sheet of white paper.
2. Have each pair select two primary colors (red, yellow and/or blue). Help students add a few drops of one food coloring to the first tray and a few drops of the other color to the second tray.
3. Encourage the partners to take turns blowing bubbles onto the paper, mixing their two primary colors together to discover what new color they can make.
4. Allow the paper to dry and display the colorful bubble creations on a bulletin board. Invite students to share what they discovered. (Red and blue = purple; yellow and blue = green; and yellow and red = orange.)