

Creating Colors Activity Guide

Purpose: Have fun mixing colors in an easy and contained way.

Museum Connection: We are curious, creative, and playful.

Main Idea: Using household items to explore color changes

Background Information for Educator: This activity can be done with children of all ages. It can be extended using clear cups/glasses. Pie tins can be filled with snow and brought inside to add colors.

Sources:

<https://www.fantasticfunandlearning.com/fun-ideas-for-mixing-colors.html>

Prep (Time): 10 minutes

Materials:

Item	Quantity
Ice cube trays	2 or more
Cookie sheet with a lip	As needed to hold ice trays and prevent stains from drops of water
Food coloring: green, blue, yellow, and red	1 bottle of each color
Water	Enough to fill ice tray reservoirs ½ full
Pipettes or eyedroppers	1 or more

Step-by-Step Instructions (Time): 15+ minutes

1. Gather materials listed above
2. Fill each reservoir in the ice cube trays with water about 1/2 full
3. Place trays on cookie sheet to contain spills
4. Place 2 drops of one food coloring color in a reservoir; repeat with each color in separate reservoirs; leave a few reservoirs of clear water
5. Using pipettes or eyedroppers, allow child/ren to move different colors of water into different reservoirs. What happens when colors are mixed?