

# Hands-on at Home | Ice Cube Tray Mixing

Follow the instructions below to recreate food coloring at home from start to finish in this fun hands-on experiment!

## SUPPLIES

- 1 Ice Cube Tray
- 3 Cups/Jars/Bowls
- Pippette/Dropper/Straw
- Cooking Tray/Sheet or large shallow plastic tub to contain spills
- Red, Blue, and Yellow Food Coloring

## DIRECTIONS

- This activity will help your children learn how to mix colors from the 3 primary colors - Red, Blue and Yellow
- Take your 3 jars and fill them with water, then dye each jar with food coloring.
- You will be mixing the 3 primary colors! These are the primary colors because they cannot be created by mixing other colors together. Most other colors can be made with just these 3. How many will you be able to make?
- Using a pippette, dropper, or a straw, you will move the colored water from the jar into one of the compartments of the ice cube tray. Add as many or as few colors to each compartment as you would like. What colors are you mixing? Does adding more of one color change the hue of your new color?

## WARNING

The ratio of water and food coloring is very important! You want to make sure the water the pippette is colored, but not enough that the amount of food coloring changes the shade of the color.

## CLEAN UP

Simply dump the colored water out of the ice cube tray and rinse off in the sink.