



## Thinking Abilities and General Knowledge Activity for 42 to 48 Months

### Primary to Secondary

*This activity helps children recognize cause and effect and predict outcomes.*

#### Materials:

- Clear plastic cups
- Water
- Food coloring or liquid watercolors
- Eyedroppers

#### What to do:

1. Experiment with using the primary colors to create secondary colors. Try to get the child to predict the effect of mixing two colors together.
2. Create a cup of red water (or liquid watercolor), a cup of blue water and a cup of yellow water, using three plastic cups.
3. Explain to the child these are known as the primary colors, and that other colors can be created using the primary colors.
4. Ask the child to predict what will happen if you mix the red color with the yellow color.
5. Mix the colors together in a separate cup using the eyedroppers, which allows the child to see the change in color slowly.
6. Repeat with other colors.

