

# SCS Quick Science!

## Rainbow Water Experiment

Although this science activity takes quite a bit more time than the previous ones, it's fun to watch if you have the patience! You will need seven clear cups, food coloring, water, and some paper towels to make it work!

1. Line up all of your cups in a row and then fill every other cup with a couple inches of water. Add red food coloring to cups 1 & 7, yellow food coloring to cup 3, and blue food coloring to cup 5.
2. Next you will need to fold your paper towels. Fold them in half lengthwise, then fold them in half again. Next you will fold them in half the other way so that it can stand up between two cups.
3. Wait! The water from the water filled cups will migrate to the empty cups using the paper towels. The water will bring food coloring from each of its neighboring cups that will mix to create a new color.

**Pro tip #1:** We had to reduce the amount of water that we initially added to each of the 4 water cups.

**Pro tip #2:** The waiting can be hard! We watched Trolls and periodically checked in to see what was happening.

