

# Water Drops Experiment

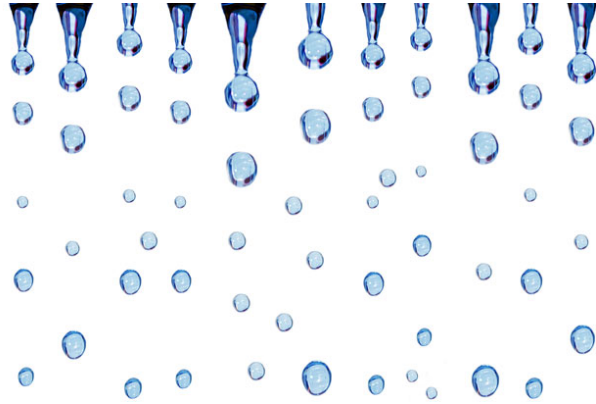
**Age Range:** 3-5

**Skills/Subjects:**

- Earth Science
- Observation

**Materials**

- Eyedroppers
- Small containers of water
- Food coloring, for tinting the water
- Plastic tray or baking sheet
- Wax paper, to place on the tray
- Drinking straw (cut in half)
- Magnifying lens (if you have one)



**Directions**

1. Give your kids a piece of wax paper on a tray or baking sheet. Demonstrate how to fill an eyedropper then release the water, drop by drop. Let kids experiment. What happens when they hold the eyedropper high above the tray and squirt water on the wax paper?
2. If you have a magnifying glass, have your kids use it to look at the shapes of the water drops. What do they notice?
3. Put some food coloring in one of the containers of water, then make more droplets with the colored water. See what designs kids can make using different colored drops. What happens when they push two drops together?
4. Have the kids use the straw and eyedropper to move the water drops around. They can try tilting the tray as well.

**Questions to Think About**

- Use the eyedropper to move a water drop around the waxed paper. How does the shape of the water drop change?
- What happens when you make one drop touch another drop?
- Try blowing through a straw at a water drop or water puddle. What happens?
- How many different ways can you make a big drop break into smaller drops?