

MOOCHIE KALALA

detectives club

HERE'S HOW TO MAKE YOUR OWN TORNADO!

Materials:

Here are the materials you'll need to Make Your Own Tornado!

- Two 2-Liter clear plastic bottles (they should be empty bottles!)
- Duct tape
- 1-washer
- Water
- Food coloring (any color)

Instructions for Experiment:

1. Fill one of the bottles two-thirds full with water.
2. Add food coloring to the water.
3. Take the metal washer and place it on top of the bottle opening.
4. Take the second bottle and place it upside down on top of the first one
5. Match the openings perfectly and tape with duct tape (tape tightly so no water leaks out).
6. Turn the bottles upside down so that the bottle with water is on top.
Swirl the bottle in a circular counter-clockwise motion.
7. What shape does the water take as it moves from the upper bottle to the lower one?
8. Now, change it up!
 - Tip bottles slightly
 - Move faster or slower
 - What happens to the tornado?
 - Does the Tornado get wider or narrower?

This experiment is thanks to the

