



# DIY Water Dispenser

**Introduction:** In this experiment, we are going to teach you how to make your very own water dispenser, at home, for you to play with and enjoy.

**Approximate Time:** 30 minutes

## Materials:

- Tape
- Funnel
- Cardboard box (~ 10" x 5" x 5")
- Scissors
- Ruler
- Empty water bottle
- Water
- Straw
- Popsicle stick
- Clay (Tape)
- Knife or Screwdriver (optional) - Please make sure you have a parental unit with you when you do this!



## Procedure:

1. Firstly, cut off one of the four sides of the cardboard box. Make sure that you also cut off the flap that connects the bottom piece to the two shortest sides.
2. Now insert the two connected sides you cut out into the bottom of the original cardboard slab. Once you do this, there should be a small cardboard box on the bottom of your dispenser with three of the sides extending longer.
3. Use clear packaging tape to connect the two exterior sides of the bottom box you just created.
4. With that finished, grab your bottle and remove the label (In our case, the label is already off, but if you want to make your project more presentable, be sure to remember this step).
5. Using your screwdriver, knife, or scissors, make a hole in the middle of the bottle that is about the size of a straw.
6. Once you have that step completed, cut your straw in half, and place the side without the adjustable spout into the hole.
7. Mold your clay or tape around the straw to help support the straw and minimize any potential leaking.
8. Fill the bottle with water and tape a popsicle stick to the cap. This will serve as a lever.
9. Grab your favorite cup, mug, or glass.
10. Place your cup under the straw and aim the straw so any water that flows through it will go directly into cup.
11. Now, all you have to do is loosen your lever, and you have a working water dispenser!