

Bubble Snakes!

What you need:

Water

Dish soap

Plastic bottle (like a water bottle)

Wash cloth or old sock

Rubberband (if you use a sock you won't need this)



How you do it:

1. First, make your bubble solution. Combine 2-3 Tbs of dish soap with about 9 oz of water in a medium sized bowl. Mix these gently with your fingers, trying to make as little foam as possible.
2. Now, make your snake-maker. Cut off the bottom of the plastic bottle. I used a box-cutter, but you could also use scissors. Cover the new bottom hole with your wash cloth (or sock). If using a wash cloth, attach with the rubberband. (I have lots of wash cloths around my kitchen, so that's why I used, but an old sock would be great. You would not need to affix it with a rubber band because the elastic in the top of the sock will keep it in place.)
3. Optional: Put drops of food coloring on your wash cloth or sock, where it is covering the new big hole.
4. Dip the fabric-covered end of your snake-maker in the bubble solution.
5. Blow into the mouth of the plastic bottle and watch your snakes form!

<https://www.stevespanglerscience.com/lab/experiments/bubble-snakes/>