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## **Bubble Snake**

## What you need:

- Piece of fabric
- Rubber band
- <sup>1</sup>/<sub>2</sub> plastic water bottle

## **Instructions:**

**1.**) Take the fabric and attach it to the open end of the water bottle with the rubber bands.



2.) Get a bowl and mix a couple drops of hand or dish soap inside the bowl.

- Dish or hand soap (we did not provide this)
- Water (we did not provide this)



3.) Dip the fabric end of the water bottle into the soapy water.

- 4.) Gently blow on the other end of the bottle. DO NOT BREATH IN! Only blow out!
- 5.) Have fun seeing your snake bubble!





## **Bubble Science:**

A bubble is just air wrapped in soap film. Soap film is made from soap and water (or other liquid). The outside and inside surfaces of a bubble consist of soap molecules. A thin layer of water lies between the two layers of soap molecules, sort of like a water sandwich with soap molecules for bread. They work together to hold air inside.