

Bubble Snakes

Looking for a new way to play with bubbles?

You and your child can make long chains of bubble snakes with just a couple of materials found around the home.

Collect

- Empty plastic water bottle
- Scissors
- Old sock
- Rubber band
- Dish soap
- Water
- Bowl
- Food coloring (optional)



Build and play

1. Help your child cut off the bottom of the water bottle with scissors.
2. Slide a sock over the bottom of the bottle and secure it with a rubber band.
3. Fill a bowl with water and a small squirt of dish soap.
4. Go outside and encourage your child to dip the sock covered end of the water bottle into the bowl and blow through the mouth of the bottle.
5. Watch the long bubble snake slither out! Tip: Add a few drops of food coloring to the sock for a fun rainbow effect!

How it works

The hundreds of tiny bubbles that are created when you blow into your bottle are formed by air moving through the tiny holes in between the sock fibers. The bubbles stick together because the hydrogen atom in one water molecule is attracted to the oxygen atoms in another water molecule. This attraction creates a bond that links all of the bubbles together.