

Presented by

BASF
We create chemistry

WHAT YOU WILL NEED:

- Water (from a faucet)
- A balloon
- Safety goggles
- Safety gloves
- Adult supervision



HOW TO BEND WATER

Overview and objective:

Students will discover how to “bend water” using static electricity.

How does it work?

The balloon builds negatively charged particles called electrons when rubbed against hair. Water is neutral, meaning it has both positive and negative particles. As positive and negative particles attract, the positively charged particles in water are attracted to the negatively charged balloon causing the water to bend.

Procedure:

Turn on the water so that it's running in a narrow stream.

Fill up and tie your balloon, then rub it in your hair for a few seconds (your hair will show just how much static electricity that you've built up).

Slowly move the balloon towards the stream of water without touching and observe what happens (the water bends)!



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