

# BENDING WATER

## You will need

A plastic comb

A narrow stream of water from a tap  
Dry hair



## What You Need To Do

Turn on the water so it is falling from the tap in a narrow stream (just a few millimetres across but not droplets).

Run the comb through your hair just as you normally would when brushing it (do this around 10 times).

If you are using a balloon then rub it back and forth against your hair for a few seconds.

Slowly move the comb or balloon towards the stream of water (without touching it) while watching closely to see what happens.

## How Does It Work?

The static electricity you built up by combing your hair or rubbing it against the balloon attracts the stream of water, bending it towards the comb or balloon like magic!

## MAKE IT AN EXPERIMENT

Can the amount of combs make any difference?

How can the temperature of the water affect your experiment?

Can you rub the comb on another surface?