Anyone can turn a bottle upside down. But how many people can do it without having the water spill out? This experiment really needs at least three hands some of the time. Unless you happen to have an extra hand yourself, make sure you have a friend around who can help when needed.

**What to do:** Fill the bottle with water all the way to the top. Cover the mouth of the bottle with screen wire, if you have a little chunk of screening available. If not, check to see if you have any plastic screen of the type that comes in some frozen diner cooking pouches. Attach the screen to the top of the bottle with the piece of wire or a rubber band. If you don't have a piece of screen available, you can hold a strainer tightly against the mouth of the bottle. That's where you need that extra hand from a friend. With the screen in place or the strainer held tightly against the mouth of the bottle, quickly turn the bottle upside down.

**What happens:** The water doesn't run out

**Why:** Surface tension is helping. It also helps that the bottle is full so that no air is trapped inside the bottle to push down on the water. The only direction air pressure is pushing is up against the water that might want to run through the screen.