# ANTY GRAVITY WATER

### YOU WILL NEED

- ▶ PLASTIC OR GLASS BOTTLE
- ▶ WATER
- ► ELASTIC BAND
- ▶ PLASTIC CARD
- ▶ TOOTHPICKS
- ► SOCK OR SOMETHING WITH A LITTLE HOLES

## WHAT TO DO STEP BY STEP



- 1. POUR THE WATER INTO THE BOTTLE
- 2. PUT A SOCK ON THE BOTTLE AND SECURE IT WITH AN ELASTIC BAND
- 3. TURN THE BOTTLE UPSIDE DOWN



### **OBSERVATIONS:**

After turning bottle upside down water do not pour out

#### PROPOSAL:

Water molecules bond to other water molecules and create SURFACE TENSION. The water stays in in the bottle even though there are tiny holes in the sock because the water molecules are joined together to form a thin coat between gaps of the material