



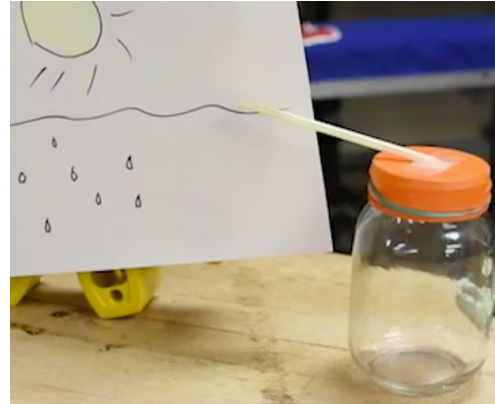
# Bonkers Barometer

**Introduction:** The pressure is on, as today, we are going to be making our own barometer, which will measure the air pressure and tell us if it is sunny or rainy.

**Approximate Time:** 15-30 minutes

**Materials:**

- Glass jar
- Balloon
- Scissors
- Thick elastic band
- Drinking straw
- Pens
- Paper
- Tape



**Procedure:**

1. Cut the neck off the balloon.
2. Stretch the bottom part of the balloon over the jar. Pull it as tight as possible so there isn't a dimple.
3. Using the thick elastic band, secure the balloon in place. You have now created a sealed vacuum in the jar.
4. Cut the straw at an angle to create a pointer.
5. Tape the straw to the center of the balloon. Make sure the end of the straw ends in the center.
6. On a piece of paper, mark a line where the straw rests when positioning the paper up and down next to the jar. Place a line 2 inches above and below this center line. At the top, draw a sun and at the bottom, draw raindrops.
7. Observe the barometer over time. When the straw points upward, it is sunny out. When the straw points downward, it is rainy out.

**Tips & Tricks:**

- If it isn't working, make sure that the balloon is as tight as possible, so a vacuum is formed.

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