

A barometer measures air pressure. Make one to use at home and see how the air pressure changes over time.

WHAT YOU NEED:

- Large empty glass jar
- Drinking straw
- Balloon
- Rubber band
- Tape
- Paper
- Pencil



WHAT YOU DO:

1. Blow up the balloon and release the air to stretch out the rubber.
2. Cut off the “neck” of the balloon and throw it away. Keep the large round section.
3. Stretch the round balloon piece over the jar. Place a rubber band around it so the balloon stays tight.
4. Tape the drinking straw to the center of the balloon stretched over the jar.
5. Tape the paper to a wall. Slide the jar so the edge of the straw is 1/2 inch (1.3 cm) from the paper. Mark with the pencil where it currently points.
6. High air pressure will press down on the balloon and make the straw point up. Low air pressure lets the balloon rise, and makes the straw point down.
7. Look outside. What’s the weather during low pressure? What’s the weather during high pressure?

TRY THIS!

MAKE YOUR OWN BAROMETER

TRY THIS!