

ACTIVITY!



MAKE YOUR OWN

BAROMETER

One way you can predict the weather is by using a barometer. Barometers measure the air pressure around you. Keep track of the air pressure, and see what kind of weather happens the next day. After some practice, you might be able to make your own forecasts!

SUPPLIES

- balloon
- scissors
- glass jar
- rubber band
- straw
- tape
- paper
- marker

1 Stretch out the balloon by inflating and deflating it a few times. Cut off the neck of the balloon. Pull the balloon tight over the mouth of the jar, and hold it in place with the rubber band.

2 Tape one end of the straw on top of the balloon so that the other end sticks out one side.

3 Take the jar outside and put it up against a wall in a protected area, like a porch. Tape the paper to the wall behind it, and use the marker to make a mark where the straw points. This is your starting point.

4 Every day, see where the straw is pointing. When it moves up or down, mark those places on the paper, labeling them “high” (when it’s above the original mark) or “low” (when it’s below it). When the air outside the jar presses down on the balloon (high air pressure), it will make the straw go up. The opposite happens when the air pressure outside the jar is low.

5 You can now try to predict what the weather will be like by looking at your barometer!

