

Homemade Barometer

Materials:

Jar
Rubber Band
Paper Clip
Glue
Balloon
Drinking straw
Index card
Tape

Instructions:

Step1

Cut a balloon in half. Discard the half with the neck.

Step2

Stretch the remaining portion of the balloon over the top of a small can or jar, to form a lid. Hold the balloon in place with a rubber band, making as airtight a seal as possible.

Step3

Attach one end of a straw firmly to the jar's new 'lid,' with tape. One-quarter of the straw should sit on the lid itself, while the other 3/4 should hang off into space.

Step4

Place the jar next to a piece of paper, with the straw running parallel to the paper.

Step5

Mark the position of the straw against the paper each day. A straw that lowers indicates dropping air pressure, which may be a sign of coming clouds of rain, and a straw that rises may be a sign of sunnier days. Match the actual weather to your readings, to find patterns.

