

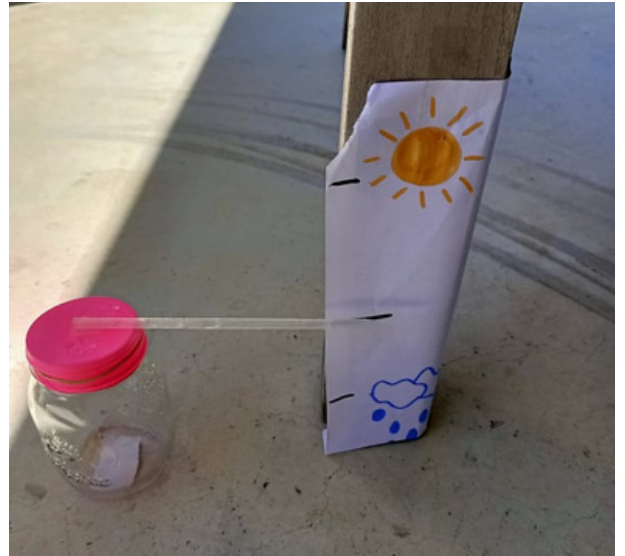
Make a Barometer

What you need:

- Glass jar
- Balloon
- Pair of scissors
- Thick elastic band
- Drinking straw
- Pens
- Paper
- Tape

What to do:

- Take your balloon and cut the neck off of it.
- Using the bottom part of the balloon, stretch it over the neck of the jar. Pull it as tight as possible so the balloon fits flat with no dimple in the middle. ***Ask for an adult's help with this step.**
- Using the elastic band wrap it around the balloon so it's secure. You need to have created a vacuumed sealed jar.
- Cut a straw at an angle to create a pointer.
- Tape the straw to the center of the balloon, making sure it sits in the middle.
- On your paper, draw a sunshine towards the top and a rain cloud towards the bottom. Mark the paper in the middle where the straw currently rests.
- As the weather changes outside, it changes the air pressure inside the jar. Watch your barometer: does the straw move depending on the weather outside?



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