



Miss Debbie's Learning at Home Activity Making a Rain Gauge

Related **Science Lesson** Airs April 21, 2021 on WQLN PBS

How to Make

Materials:

- Plastic bottle or glass jar
- Scissors
- Tape
- Ruler
- Marker
- Pebbles/small rocks

Directions:

- If using a plastic bottle, have an adult cut off the top of the bottle.
- Fill the bottom with a few small rocks, so it doesn't tip over outside.
- Add some water to it, to make a base line with which to begin your measuring guide. *You will need to check the water level before each rain, in case any water has evaporated.*
- If needed, add a little bit of water to the bottle before each rain, to bring the water level up to 0.
- Flip the lid over and push it upside down into the bottle opening, like a funnel. Then tape it securely in place.

***If you are using a glass jar, you can skip all the above steps.*

- Use a ruler and a permanent marker to mark every half inch on the bottle or glass jar. *Remember to start 0 at your water line, if you used a plastic bottle and added water.*
- Place the gauge outside, up off the ground, away from the house and not under any trees. *This will help ensure only rainwater straight from the sky enters, and you get more accurate readings.*

Enjoy checking your rain gauge after each rain!

