

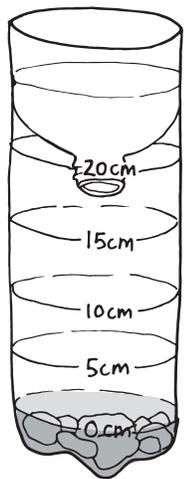
Make a Rain Gauge

SUPPLIES

- An empty, clean plastic soda or water bottle
- Rocks (stones or pebbles) for weight
- Tape
- A permanent marker
- A ruler

STEPS

1. Cut the top off the bottle about 5 centimeters (2 inches) down, and keep it.
2. Place some rocks into the bottom of the bottle, then turn the top upside down and place it back into the bottle and tape it in place.
3. Use the ruler and marker to draw lines in 5-centimeter increments on the bottle. This is how you will measure how much rain you collect.
4. Pour water into the bottle until it reaches the bottom line on the scale and label that "zero." Then, label the rest of the lines.
5. Put your rain gauge outside where it can collect water when it rains.
6. Every time you take a measurement, record the amount of rain, the time of day, and what the weather was like.



Join a global community, become a citizen scientist. Your observations can help researchers working with NASA better understand Earth systems.

Learn more about the GLOBE Program and ways to participate in precipitation studies: observer.globe.gov/training

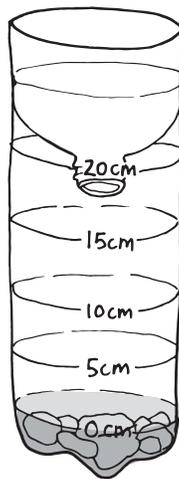
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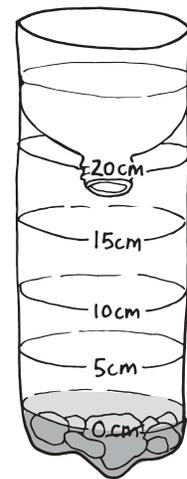
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