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WHAT YOU WILL NEED:

- A clear plastic bottle with straight sides
- A few paper clips
- A ruler
- Scissors
- Tape
- A package of gelatin



MAKING A RAIN GAUGE

Procedure:

1. Ask a parent to cut off the top of your bottle, below the curve, and set it aside.

2. You'll notice the bottom of the bottle is not flat. We'll create a flat surface using gelatin.



3. Use a ½ packet of gelatin, and add about 2 inches of warm water into the bottle. Stir until dissolved.

4. Refrigerate until the gelatin is set.

5. Once set, tape a ruler to the outside of your bottle. Place the "0" on the ruler at the top of the gelatin line.



6. Place the top of the bottle upside down onto the base and secure it into place with the paper clips.



7. Now you have a rain gauge!

8. Put it in a secure yet clear place outside (like in a flower pot). To

make sure you get an accurate reading, you want to make sure it does not blow over, yet is free of overhead obstacles such as trees and eaves.

9. Empty your rain gauge often!

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