

## How To Make A Rain Gauge

Do you know how to measure rainfall? Learn how to make a rain gauge at home to measure rainfall.

### Things You Need Make Your Own Rain Gauge

- A clear plastic bottle (one with a straight side is best)
- Scissors
- A few marbles or small rocks or pebbles
- Tape
- Water
- Ruler
- Permanent marker
- Paper and pencil

### Steps To Make A Homemade Rain Gauge

- **Step 1:** Cut the top of your clear, plastic bottle with the scissors. Use the permanent marker and a ruler to mark increments on the bottle, starting about 2 inches from the bottom.
- **Step 2:** Place the marbles or pebbles or rocks at the bottle to weigh it down, so it won't be blown away with the wind.
- **Step 3:** Now add water till the 0 mark on the bottle to calibrate your rain gauge. Invert the top part of the bottle (without the cap) into the rain gauge like a funnel.
- **Step 4:** Keep the rain gauge outdoors, on a flat surface—in the open area away from any trees or any obstacles, which could block the rainwater.
- **Step 5:** Wait for the next time that it rains. In the meanwhile, keep checking that the water in the bottom hasn't evaporated below the 0 mark. If it has evaporated, refill the gauge.
- **Step 6:** Your homemade rain gauge is now ready to use. Check the water level in your rain gauge after it rains and measure the precipitation using the scale on the side.

Read Osmo's [How To Make A Rain Gauge](#) To Learn More.

