

Make Your Own Rain Gauge



Materials Needed

- Empty 2 liter bottle
- Scissors
- A few handfuls of clean pebbles, gravel, or sand
- Water
- Gauge ruler (included below)
- Clear tape

Directions

1. Carefully cut the top off the bottle (where the sides stop curving and begin running straight down).
2. Fill the bottom of the bottle with pebbles, gravel, or sand to create a flat surface. Pour just enough water to cover the pebbles, gravel or sand.
3. Cut out and tape the gauge ruler on the side of the bottle. You can choose to measure in inches, centimeters, or both! Make sure the bottom of the ruler is lined up with the top of the pebbles, gravel, or sand. Cover the ruler completely with the clear tape to protect it from rain.
4. Take the top of the bottle that was cut off and place it upside down into the bottle. This will act as a funnel and keep water from evaporating.

Inches

		5
		4
		3
		2
		1
		0

Centimeters

	11
	10
	9
	8
	7
	6
	5
	4
	3
	2
	1
	0

Rain Gauge Rulers