

How To Build A Rain Gauge

A rain gauge is a tool for measuring the amount of rain that falls in a given period of time. A simple rain gauge can be made using materials which can be found around your house.

Materials needed:

- ◆ Clear jar at least a quart in size
- ◆ Clear water-proof tape
- ◆ Ruler

Directions:

1. Place the ruler inside the jar so that the inches are visible from outside the jar. Make sure the bottom of the ruler is even with the bottom of the jar.
2. Tape the ruler to the side of the jar.

Experiment:

1. Place the rain gauge outside in an open area.
2. Check the rain gauge every day at the same time.
3. Record how much rain is in your gauge to the nearest $\frac{1}{4}$ inch.
4. Empty the gauge every day.



- ◆ When it rains one inch, you get 27,000 gallons of water on one acre.