Make a Rain Gauge!

What You Need
Clear plastic container about 8-10 inches high
Small pebbles or marbles
Measuring Gauge (laminated)
A 12-inch plastic ruler

What to Do
Place several pebbles into the container and add water until it is about one inch deep. (Measure with the 12-inch ruler.) Paste the laminated “measuring gauge” to the side of the container. The bottom line should be at the one-inch water level.

Note: The pebbles and water will make the container steady against wind and the one-inch of water will provide a base level for measurements.

To Measure Rainfall
To accurately measure the rainfall, the student must be at eye level with the top of the water. Have him or her subtract the previous day’s reading from the new reading to determine how much rain fell each day. Make sure students keep the original one inch of water in the container in order to measure accurately.