

# Zedua Experiments

## **Title:** Make a Rain Gauge

What is rain gauge?

Rain gauge is a device for collecting and measuring the amount of rain which falls.

## **Materials Required:**

1. A plastic (soft drink) bottle
2. Some stones or pebbles
3. Tape
4. Marker (felt pen)
5. A ruler

## **Procedure:**

1. Take a plastic bottle and cut the top off the bottle.
2. Place some stones in the bottom of the bottle.
3. Take the cut off top part of the bottle. Turn it upside down and tape it to the bottle.
4. Use a ruler and marker pen to make a scale on the bottle.
5. Pour water into the bottle until it reaches the bottom strip on the scale. This device is called a rain gauge.
6. Keep your rain gauge outside where it can collect water when it starts raining. After a rain shower, check to see how far up the scale the water has risen.

## **What's happening?**

Rainwater falls into the top of the gauge and collects at the bottom, where it can be easily measured. Compare the amount of rain to the length of time the shower lasted, was it a short and heavy rain shower or a long and light one?



Source: pintrest

www.zedua.com