

Materials needed:

- An empty plastic bottle, the larger the better!
- Scissors or box cutter
- Permanent marker
- Ruler or tape measure

Directions:

1. Cut around the body of the bottle, about 5cm down from the top. Simply turn it upside-down and place it inside the bottle, making sure it is pushed down and flush with the edges.
2. Draw measurement lines on the bottle using a permanent marker. Just make sure your lines are at regular intervals, ready for measuring! It may be helpful to write on the measurements in centimetres.
3. Next, go outside to find a good place to put the bottle.
4. Tip: find an area to slightly wedge it between something (i.e. flower pots) so that the wind won't blow it away.
5. 24 hours later, go out to check out the water level in the rain gauge!
6. If the rain continues to fall, continue checking every day.
7. With older children, consider making a line graph to chart the increase in rain and investigate the average monthly rainfall.



DIY Rain Gauge

Credit: theimaginationtree.com



Howard
County
Conservancy

connecting people to nature