

MAKE A SIMPLE RAIN GAUGE



SUPERNOVA
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THIS SIMPLE RAIN GAUGE IS MADE FROM RECYCLED MATERIALS!

MATERIALS

3

- 1 plastic bottle - the bigger the better!
- 1 box cutter or x-acto knife
- 1 permanent marker

10 MINS

PROCEDURE

Step 1

Keep a plastic bottle that you or someone in your household has used - and remove the label. The bigger the bottle, the better!

Step 2

Have an adult cut around the body of the bottle, approximately 5 cm from the top of it.

Step 3

Turn this removed piece upside down, and press it snugly into the body of the bottle (push it down so that the edges are flush).

Step 4

Create measurement lines at regular intervals along the bottle, so that you can keep track of how much rain you're accumulating!

Step 5

You'll need to stabilize your rain gauge so that it doesn't blow away - one option is to add a small rock inside the body of the rain gauge, which can then be removed to take your final measurement.

HOW MUCH RAINWATER CAN YOU COLLECT?

PURPOSE & SCIENCE OUTCOMES

- Knowing where and how much it rains allows scientists to understand the impact of precipitation on streams, rivers, surface runoff and groundwater.
- This is all part of understanding the water cycle.
- To take the experiment one step further, try making a line graph to chart the increase in rain.

ANY QUESTIONS? REACH OUT @SUPERNOVAATDAL