

Make your own Rain gauge

For measuring the amount of rain

Equipment

- ◇ A 2 litre clear PLASTIC DRINKS BOTTLE
(coca cola, water etc)
- ◇ SCISSORS
- ◇ PAPERCLIPS
- ◇ JELLY (3 or 4 cubes made up as directed
on the packet)
- ◇ RULER



Method

1 Cut off the top of this bottle about a quarter of the way down, below the neck of the bottle, where the diameter is constant. Cut smoothly.

2 Take the bottle top that you have cut off, turn it upside down and place it back in the bottom part of the bottle. It should fit snugly but to make sure it does not fall out use a few paper clips to hold the two halves together.

3 The bottles are usually shaped at the bottom; however, you need a completely flat bottom to be able to measure the depth accurately. To achieve this pour in some brightly coloured jelly mixture and let it set in the bottom of the bottle. Depths can then be measured from the top of the jelly.

4 Attach a ruler to the side of your rain gauge in order to measure the amount of water collected. Remember to line up the zero with the top of the jelly not the bottom of the bottle.



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