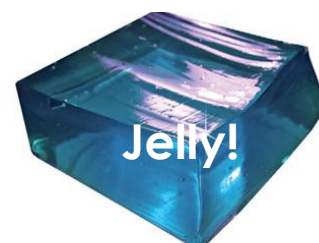
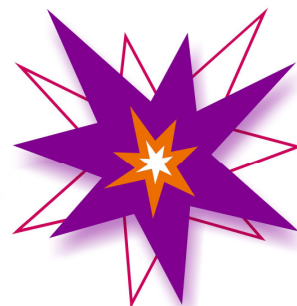


# Make your own rain gauge!

There are two slightly different ways to make and site your rain gauge but both are really easy!

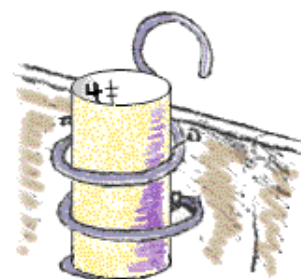
## Method 1

1. Find a plastic bottle (1 or 2 litre) with straight sides.
2. Cut the top off the bottle (get an adult to do this!)
3. If the base of the bottle isn't flat then mix up some jelly and put it in the bottom to make a flat base.
4. Once the jelly has set find somewhere suitable outside to place the gauge, it needs to be:
  - a. Away from buildings and trees so that it catches all the falling rain
  - b. Buried slightly into the ground so that it won't blow over if it's windy.
5. Take a reading (in millimetres) with a ruler at about the same time every day and then empty the gauge.
6. Upload your data at the end of (or during) the week at [www.manchesterrain.com](http://www.manchesterrain.com)



## Method 2

1. Find a glass or plastic cup with straight sides and a flat bottom and a metal coathanger.
2. Bend the coathanger so that it fits snugly around the glass or cup.
3. Attach the gauge to a fence with the hook or a screw (get some help from an adult!)
4. As before, make sure that it's:
  - a. Away from buildings and trees so that it catches all the falling rain
  - b. Fixed well so that it won't blow away if it's windy
  - c. And that the top of the cup is above the level of the fence top so that it catches all the rain.
5. Take a reading with a ruler (in millimetres) at about the same time every day and then empty the gauge.
6. Upload your data at the end of (or during) the week at [www.manchesterrain.com](http://www.manchesterrain.com)



Straight-sided container fits in holder

## When to take your measurements:

Daily from Saturday 24th October to Friday 30th October

## Links to more information:

What is happening at the Manchester Science Festival:

<http://www.manchestersciencefestival.com>

Want to be a scientist? See what real scientists do:

<http://www.noisemakers.org.uk>

Lots more information about weather and climate:

<http://www.rmets.org>