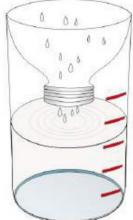
# **KS3** Weather and Climate

## A rain gauge

When rain falls, the water soaks into ground, evaporates in puddles or drains away. To measure rainfall you need to buy or make a rain gauge.

To make a rain guage

- cut the neck off a large plastic drinks bottle
- turn the neck upside down and rest inside the bottle
- stick strips of tape 10mm apart up the sides
- find sheltered site not too close to buildings or overhanging trees
- measure the rain water from time to time and note it below



### Measure rainfall

The basic measurement of rainfall is that of how much rain falls in a specified period of time. This is usually measured in millimetres.

Measure rainfall over a period of time - 24 hrs or one week

Date	Time	Rainfall (mm)	Comments

#### Compare your data

Find rainfall data for your area and compare your results with:

- same time in a previous year
- same time and date in another part of the country

Some information is available on the Met Office site: <u>https://www.metoffice.gov.</u> <u>uk/weather/learn-about/</u> <u>past-uk-weather-events</u>

#### Bournemouth Water www.bournemouthwater.co.uk