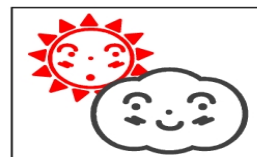# How do I create a climate graph?

Aims

-To create a Bar and Line Graph together on one graph to show different climates around the world. These are called Climate Graphs.

Task 1 –The web site and data
   a) Go to the site www.worldclimate.com and type in the city name Manaus in the search box. When it comes up click on the city name that is given in blue.
   b) Now choose Average Rainfall First (It is important to do it in this sequence)
      - Highlight the months and rain in mm only by starting in the top left box
      - Right click and select copy
      - Go to excel and open a spreadsheet
      - Right click to paste but **YOU MUST CLICK IN CELL A1** in the top left
   c) Return to the internet site and go back to the name of Manaus
      - Click on average temperature in degrees C
      - When this appears, highlight ONLY ° C, as you already have the months
      - Right click on this one row and select copy
      - Return to the spreadsheet and right click and **paste in cell A3**

Task 2–The spreadsheet
You need to now work in the spreadsheet only
   a) Change the A2 cell to rainfall in mm and press enter (This is for the key)
   b) Change the A3 cell to temperature and press enter (This is for the key)
   c) High light all of the three rows but **DO NOT INCLUDE THE YEAR AND THE TOTAL VALUES that are on the right hand side**
   d) Left click on chart wizard in the top bar and proceed with the next stage

Task 3–The Graph
For this task you are creating the graph
   a) Select Custom Types for the types of graph
   b) Choose Line-Column on 2 axes for the type
   c) Click on next. This will show you what it looks like
   d) Click on next again and give the chart
      - A title; in this case it is called A Climate graph of Manaus
      - Label Category x axis as Months
      - Label Value Y axis as Rainfall in mm
      - Label 2nd Value Y axis as Temperature in °C
      - Click on next and go to new sheet and call it A Climate Graph of—
      - Click on Finish
      - Adjust labels size by using a left click on the box
      - Create a suitable background colour, a wider line or a different coloured line with a double left click; remember these are functional and informative and not meant to be multi coloured.
      - Select Edit–Copy and open a Word Document and Edit –Paste and Save

Repeat tasks for 2 more cities Khartoum in the Sudan and Churchill, Man,(Manitoba) Canada. Save all. These names are how to recognise them.