

# GRAPHING DATA WITH QUICK GRAPH 5.0

## REFERENCE SHEET

Use any browser and go to <https://bit.ly/2PEmabc>  
(<http://thephysicsaviary.com/Physics/Programs/Tools/Graphing2020/>)

### ➤ To set up the axes:



- Just select the text in the white box(es) and type in the appropriate information for the x-axis and y-axis, be sure to include the units (e.g. time (s), distance (m), force (N))

### ➤ To enter data and graph:

- ❑ Type in your data in the appropriate column (number only) as it appears on your data table. It will be graphed “on the fly”.

- ❑ Click/tap the “Set Axes” button to scale the axes if needed.

- Select manual scaling and set the maximum value that results in the data filling most of the graph window.
- Keep the minimum at zero unless told otherwise



### ➤ To plot multiple sets of data on the same graph:

- ❑ Click/tap the “Change Data Set” button and it will scroll through 5 different available data tables.
- ❑ You will need to enter the data as instructed above.
- ❑ Repeat for each data set needed



### ➤ To determine/display the slope of the data



- ❑ Click/tap on the “Curve Fit” button in the bottom right corner and select “Linear”
  - If you have multiple data sets you need to do this for each set by selecting “Change Data Set” first.
- ❑ The resulting statistics will show in the Data Set # section below the data table.

### ➤ To save your graph as an image

- ❑ Computer: Expand the graph with the ↖ at the lower left of the graph. Right click on the graph image and “save image as” and it should save as a PNG image file.
- ❑ Mobile device: Expand the graph with the ↖ at the lower left of the graph. Simply take a screenshot of the graph.
  - Please save as a PNG image or PDF scan