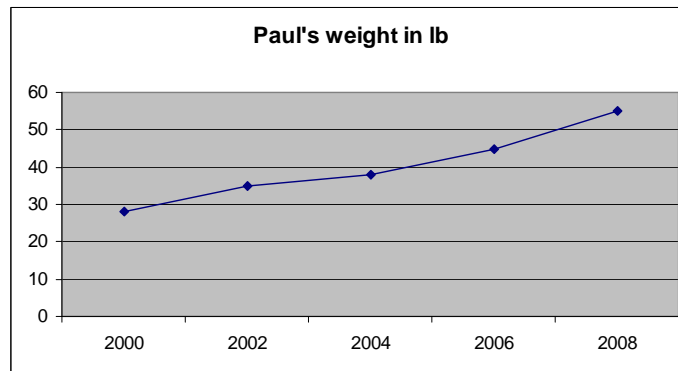


Sensor Log Investigation

An XY graph shows the relationship between two sets of numbers. Such graphs can be used to illustrate many types of data. Graphs are used to communicate information visually. Facts are made clearer and more understandable with the use of a graph.

Helper's Guide

How to Prepare



It is recommended to do activity 30 before doing this activity. You could even use your data from activity 30 for doing this activity. Open the saved data in Microsoft Excel software and plot the graph as directed in the activity.

Need to Emphasize

- Graphs are used to communicate information visually.
- Facts are made clearer and more understandable with the use of a graph.
- Sensor history plots help analyze sensor response and improve your program (e.g., establish threshold values).

Related Links

- <http://nces.ed.gov/nceskids/createAgraph/default.aspx>
- <http://mindstorms.lego.com/eng/Overview/default.aspx>
- <http://www.uwec.edu/Help/Excel07/ch-basics.htm>
- http://spreadsheets.about.com/od/excelcharts/ss/Chart_wiz_step.htm

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