

Science Line Graph Evaluation Rubric

Student Name: _____

Score: _____

This analytic rubric is used to verify specific tasks performed when constructing a line graph or scatter plot with line of best fit. No points may be awarded until the assigned task is complete.

Category	Scoring Criteria	Points	Student Evaluation	Teacher Evaluation
<i>Remember that to qualify as "neat" there can be no visible corrections!</i>				
Variables 30 points	The independent variable is drawn on the x axis. The axis is clearly and neatly labeled, including the units in which each variable is measured.	15		
	The dependent variable is drawn on the y axis. The axis is clearly and neatly labeled, including the units in which each variable is measured.	15		
Layout 10 points	The scale is such that the graph covers most of the page.	5		
	Rectangular graph paper is turned so that the variable with the widest range is drawn along the widest side of the paper.	5		
Lines & Scales 20 points	Grid lines on each axis are clearly and neatly numbered. The numbering on the axes is evenly scaled and increases from the origin of the graph, which is normally at (0,0)	20		
Graph Data 30 points	A clear and neat data table is presented. The data table clearly indicates the data points on the graph.	5		
	Each data point is indicated by an obvious, but not overly large dot which is accurately placed.	20		
	The line plotted for the graph is neatly done and appropriate.	5		
Title & Key 10 points	A descriptive title is neatly printed at the top of the graph paper. If more than one line is drawn on a single graph, a "key" is provided near the title to identify the lines. <i>(This is only done if there is more than one line on the graph.)</i>	10		
Score	Total Points	100		
Self-evaluation	Students are expected to honestly evaluate their own work using the indicators on the rubric.			
Deadline	All assignments are expected to be completed by the assigned deadline.			

Teacher Comments: