

## GRAPH

### 5 POINTS

		Meets Standard	Approaching Standard	Well Below Standard	Unsatisfactory
<b>Title</b>	A graph's title should be a short description of the data being illustrated by it. (ex. "The Effect of Light Intensity on the Growth Rate of Soybean Seedlings") Both the independent and dependent variables are part of a proper graph title. However, "versus" titles should NEVER be used.	accurate, clear, complete, and descriptive title (no "vs")	accurate, somewhat clear, somewhat complete, and descriptive title (no "vs")	somewhat accurate, unclear, incomplete, somewhat descriptive title (no "vs")	missing title, or has "vs" title
<b>Axis Labels</b>	Both the y- and x-axis must be properly labeled and clearly marked.	both axes have appropriate labels; clearly marked	both axes have appropriate labels; somewhat clearly marked	only one axis has a clearly marked label	both axes are missing labels
<b>Axis Scales</b>	Both the y- and x-axis must be properly labeled and clearly scaled. On a linear grid, the values used must increase by the same amount for each interval. The values should be clearly marked in a uniform pattern.	both axes are appropriately and clearly scaled	both axes are appropriately scaled, but only somewhat clearly	both axes are scaled, but only one is appropriately done; both are clearly done	scale is missing (or practically so) on at least one axis
<b>Axis Units</b>	Both the y- and x-axis must be properly labeled and clearly marked with appropriate units. Without units - on either one of the axes - the graph serves no purpose.	both axes have appropriate units, clearly marked	both axes have appropriate units, somewhat clearly marked	only one axis has appropriate, clearly marked units	both axes are missing units
<b>Data Points</b>	Each of the data points included in the graph must be clearly marked. Those points identify to the reader what data were actually collected (or calculated). Without them, the reader may assume that at any of the infinite locations along the graph's line(s), there is a datum point that has been observed. The clear data points should either be connected with straight lines, or a trend line should be included. Sometimes, depending on the data that have been plotted, connecting the points is more appropriate, whereas a trend line should be used in other instances.	all data points clearly marked; points connected and/or trend line included	most data points marked; points connected and/or trend line included	a number of data points missing/unclear; points connected and/or trend line included	data points not marked or unclearly marked; no connections or lacks trend line
<b>Legend (if necessary)</b>	An appropriate, clear, and complete legend must be included. Without it, the graph serves no purpose.	appropriate, complete legend included	complete, but not totally clear legend included	complete, but inaccurate legend	legend missing