

## Sugar Lab Rubric

### Data Table

The data table is worth 60 points.

60 points: The responses indicates that the student has a complete understanding of the concept. The responses are accurate and complete. All work is shown and easy to follow.

30 points: The responses indicate that the student has a partial understanding of the concept. The responses are text-based, but are incomplete. The calculations are incorrect and/or the work is not shown.

0-30 points: No response, or the responses indicate that the student does not demonstrate an understanding of the concept. The responses are inaccurate or have insufficient information to determine if understanding took place.

### Graph

The graph is worth 20 points.

	5 points	3 points	2 points	0 points
Title	Title is creative and clearly relates to the topic. It is printed at the top of the graph.	Title clearly relates to the topic being graphed and is printed at the top of the graph.	A title is present at the top of the graph.	A title is not present.
Units and Axes Labeled	All units are described (in a key or with labels) and are appropriately sized for the data set.	Most units are described (in a key or with labels) and are appropriately sized for the data set.	All units are described (in a key or with labels) but are not appropriately sized for the data set.	Units are neither described NOR appropriately sized for the data set.
Representation of Data	Exceptionally well designed, neat, and attractive. Colors that go well together are used to make the graph more readable. Scale is appropriate	Neat and relatively attractive. Colors are distinguishable.	Neat, but the graph appears quite plain. Colors may be distinguishable. Software procedure may or may not be followed. Scale is not appropriate.	Appears messy and "thrown together" in a hurry.
Spelling, mechanics, punctuation, capitalization	No spelling, mechanics, punctuation, or capitalization errors	1-3 errors	4-6 errors	More than 6 errors

## **Analysis Questions**

Each question is worth 5 points, for a total of 20 points.

5 points: The response indicates that the student has a complete understanding of the concept. The response is accurate and complete. All work is shown and easy to follow.

3 points: The response indicates that the student has a partial understanding of the concept. The response is text-based, but is incomplete. The calculations are incorrect and/or the work is not shown.

0-2 points: No response, or the response indicates that the student does not demonstrate an understanding of the concept. The response is inaccurate or has insufficient information to determine if understanding took place.