

## Wave Attenuator Grading Rubric

Category	5 points	4-3 points	2-1 points
Problem / Question	The problem and question are clearly labeled and written.	The problem and question are written but not clearly or labeled.	Only a problem or question are written. May or may not be clear and labeled.
Variables	Variables including all <i>independent</i> and <i>dependent</i> variables. Variables are labeled.	Variables may or may not be labeled. Some <i>independent</i> and <i>dependent</i> variables are included.	Only <i>independent</i> or <i>dependent</i> variables are included. May or may not be clear and labeled.
Hypothesis	The hypothesis for the group/members are clearly written in the If _____ Then _____ because _____. Hypothesis are labeled	The hypothesis is written but maybe in the wrong format or not labeled.	Hypothesis is written but very unclearly.
Observations	A clear, detailed and labeled list/diagrams of students observations during the lab.	Observations are included but they are vague and lack detail. May or may not be labeled.	Observations are extremely vague and provide little to no explanation of student observations.
Table and Graph	A table and Graph are included. Each includes a title and is clearly labeled. Including measurements, units.	A table and Graph are included. Missing important elements such as title, labels, measurements, units.	A table or Graph is included. Missing important elements such as title, labels, measurements, units.
Conclusion	A conclusion includes detailed description of: *What was discovered? *Was your hypothesis correct? * Support finding to science concept	A conclusion is missing one of the following: *What was discovered? *Was your hypothesis correct? * Support finding to science concepts	Conclusion is missing two of the following: *What was discovered? *Was your hypothesis correct? * Support finding to science concepts
Successes, challenges and Next Times	Students include a detailed and clear explanation of successes, challenges and next times. These are labeled.	Students include some successes, challenges and next time. Explanation may be vague or missing factors.	Student includes elements of successes, challenges and next times but provides no explanation.
Neatness and Color	The presentation is colorful, neat and easy to read.	The presentation lacks color, neatness and parts are difficult to read.	The presentation has very little color, is unorganized and hard to read.