

# How to improve a Laboratory Investigation Report Comment

## How is the Laboratory Investigation Report Graded?

Mrs. Weimer and the student meet with all completed work and grade it together. Mrs. Weimer will keep the grading rubric for up to 24 hours in order to log the outcome into Infinite Campus. Then, the grading rubric will be placed in the student's science binder with the completed work.

## Grading Rubric:

	Accomplished 3	Developing 2	Not Met 0
Problem	The problem of the study is recognized/ developed and can be scientifically tested.	The problem of the study is incomplete.	I, the researcher, did not identify a problem.
Hypothesis	The independent and dependent variables are clearly stated in an if/then statement.	The independent and dependent variables are stated.	I, the researcher, did not complete a hypothesis
Manipulated (independent) Variable	The researcher described the variable being changed in the experiment and provides explanation for the change	I, the researcher, described the variable being changed in the experiment.	I, the researcher, did not indicate the manipulated variable in the experiment.
Responding (dependent) Variable	I, the researcher, described the variable being measured in the experiment and provide explanations for the change.	I, the researcher, described the variable being measured in the experiment.	I, the researcher, did not indicate the responding variable in the experiment.
Controlled (constant) Variables	I, the researcher, described the variables being kept the same in the experiment and provide explanations for controlling them.	I, the researcher, described the variables being kept the same in the experiment.	I, the researcher, did not describe the variables being kept the same in the experiment.
Materials	I, the researcher, listed the materials with amount and size that were used to perform the experiment.	I, the researcher, listed the materials that were used to perform the experiment.	I, the researcher, did not list the materials that were used to perform the experiment.
Methods	I, the researcher, explained the experimental process with specific details and measurements so that the reader could recreate the investigation.	I, the researcher, explained the experimental process of the investigation.	I, the researcher, did not explain the experimental process.
Analysis	I, the researcher, clearly stated the data collected, explained average, and trends from the investigation.	I, the researcher, stated the data collected from the investigation.	I, the researcher, did not state the data collected.

Conclusion	I, the researcher, clearly stated the findings, included opinions on results and for future investigations.	I, the researcher, stated the findings.	I, the researcher, did not state the findings.
Source of Error	I, the researcher, clearly identified errors made during the experimental process and included opinions on making corrections.	I, the researcher, identified errors made during the experimental process.	I, the researcher, did not identify errors made during the experimental process.

### Graph Rubric

Requirements	Yes I had it!	I had to add it.
1. Graph Title		
2. X-axis Title		
3. X-axis Scale		
4. Y-axis Title		
5. Y-axis Scale		
6. All Data Plotted/Graphed		
7. Organization/Accuracy		

### How can I improve my comments on this assignment?

You have up to 7 days to make improvements on the current Laboratory Investigation Report. You could complete the work at home or fill out an Academic Productivity Report form (located in Mrs. Weimer's classroom) and make revisions during advisory by coming to the APR room.

You will need to turn in the revisions to your science period shelf in Mrs. Weimer's classroom.

### What will happen next?

Mrs. Weimer and the student will meet again to grade the revisions using the grading rubric and a new comment will be added that assignment in IC.