

Science Experiment Rubric

Remember your science experiment should follow the rules as outlined by the science experiment instruction sheet. Below is the rubric for grading this assignment.

	Scientist <i>6 Points</i>	Scientist's Assistant <i>4 Points</i>	Student of Science <i>2 Points</i>	Future Student of Science <i>0 Points</i>
Timeliness	You were ready to present your experiment on time.	You were one day late in presenting your experiment.	You were two days late in presenting your experiment.	You were more than two days late presenting your experiment.
Written Presentation	Your presentation contained all parts of the scientific method and followed the lab instructions.	Your presentation is missing 1 to 2 parts of the scientific method and did not follow all the lab sheet instructions.	Your presentation is missing 3-4 parts of the scientific method and you struggled to follow the lab sheet instructions.	You did not turn in a presentation or it was missing more than 4 parts to the scientific method and did not follow the lab sheet instructions.
Procedure	Your procedure is written so that the average student can interpret and follow your instructions as outlined.	Your procedure is slightly confusing to the average student and they would have trouble following your instructions.	Your procedure was present, but vague and did not give enough detail for the average student to follow.	Your procedure was missing or confused those who read it.
Scientific Understanding/ conclusion	Your conclusion states an answer to your hypothesis. You followed your statement with a correct scientific explanation as to how or why your experiment acted the way it did.	You have a conclusion but it might not be an answer to your hypothesis. You did a decent job explaining the science behind your experiment but could have included more detail.	Your conclusion attempted to answer your hypothesis and your explanation was present, but was either not 100% correct or did not adequately explain the science behind your experiment.	Your conclusion was either missing or not well-written. You did not have a correct explanation of the science behind your experiment.

Control and variables	Your experiment had a control and two variables. The control was accurate and the variables made sense.	Your experiment was either missing a control or one of the two variables.	You were missing the control and or two variables.	You did not attempt to add a control or have two variables present.
Data	Your presentation had accurate and visual data that represented some observations made during your experiment.	Your presentation contained data, but it was inaccurate or did not adequately give data for your experiment.	You attempted to have data for your experiment but did not represent it visually.	You are lacking a visual representation of data gathered during your experiment.
Experiment Sheet Rules	Your experiment followed all of the rules as outlined in the experiment rules sheet.	You broke no more than one rule as outlined in the experiment rules sheet.	You broke more than one rule as outlined in the experiment rules sheet.	You did not appear to have read and followed the rules as outlined in the experiment rules sheet.
Grammar and Spelling	Your presentation contained fewer than 5 grammar and spelling mistakes.	Your presentation contained between 5 and 10 grammar and spelling mistakes.	Your presentation contained between 10 and 15 grammar and spelling mistakes.	Your presentation contained more than 15 grammar and spelling mistakes.