

Experiment Rubric

Student Name _____

Task	Excellent	Satisfactory	Needs Improvement
Research Question	Asks a question that can be investigated.	Asks a question that is difficult to investigate.	Question is not clear or cannot be investigated. Or does not provide a question.
Prediction	Makes a thoughtful prediction.	Prediction is not very thoughtful.	Prediction is not clear or relevant or does not provide a prediction.
Plans Experiment	Clearly describes steps of experiment. Steps are logical and lead to evidence in support of the research question. Experiment includes control and experimental group.	Describes steps of experiment. Experiment steps and evidence in support of the research question are not completely clear Experiment's control and experimental group are not completely clear.	Steps of experiment are not clear or they are absent. Steps do not lead to evidence in support of research question. Experiment does not include a control and experimental group.
Conducts Experiment	Carries out and records observations carefully. Takes steps to make sure observations are correct. Works very cooperatively with team members.	Carries out and records some observations. Makes little effort to ensure observations are correct Works satisfactorily with team members.	Incomplete observations. Does not work cooperatively with team members.
Conclusions	Summarizes conclusions in a very clear manner. Gives conclusion consistent with observations. Explains basis for conclusion	Summarizes conclusions. Conclusion not completely consistent with observations. Provides little basis for conclusion	Incomplete, incoherent or missing conclusion. Conclusion is missing or inconsistent with observations. Does not explain basis for conclusion

