

# Lab Report Rubric

Categories and Criteria	50–59 % (Level 1)	60–69 % (Level 2)	70–79 % (Level 3)	80–100 % (Level 4)
<b>Knowledge and Understanding</b>				
<b>Generation of relevant and testable questions when given a science topic</b>	• rarely generates relevant and testable questions when given a science topic	• occasionally generates relevant and testable questions when given a science topic	• regularly generates relevant and testable questions when given a science topic	• consistently generates relevant and testable questions when given a science topic
<b>Thinking and Investigation</b>				
<b>Generation of hypotheses and/or predictions about possible outcomes</b>	• generates hypotheses and/or predictions with limited effectiveness	• generates hypotheses and/or predictions with some effectiveness	• generates hypotheses and/or predictions with considerable effectiveness	• generates hypotheses and/or predictions with a high degree of effectiveness
<b>Support of hypotheses and/or predictions with reasons</b>	• rarely supports hypotheses and/or predictions with reasons	• occasionally supports hypotheses and/or predictions with reasons	• regularly supports hypotheses and/or predictions with reasons	• consistently supports hypotheses and/or predictions with reasons
<b>Selection and use of equipment with concern for safety</b>	• selects and uses equipment with limited concern for safety	• selects and uses equipment with some concern for safety	• selects and uses equipment with considerable concern for safety	• selects and uses equipment with a high degree of concern for safety
<b>Controlling the variables of an experiment</b>	• controls the variables with limited effectiveness	• controls the variables with some effectiveness	• controls the variables with considerable effectiveness	• controls the variables with a high degree of effectiveness
<b>Making complete and precise observations</b>	• rarely makes complete and precise observations	• occasionally makes complete and precise observations	• regularly makes complete and precise observations	• consistently makes complete and precise observations
<b>Drawing conclusions on the basis of data gathered</b>	• draws conclusions with limited effectiveness	• draws conclusions with some effectiveness	• draws conclusions with considerable effectiveness	• draws conclusions with a high degree of effectiveness
<b>Communication</b>				
<b>Use of conventions, vocabulary, and terminology</b>	• uses conventions, vocabulary, and terminology with limited accuracy	• uses conventions, vocabulary, and terminology with some accuracy	• uses conventions, vocabulary, and terminology with considerable accuracy	• uses conventions, vocabulary, and terminology with a high degree of accuracy
<b>Communicating the steps of an experimental procedure</b>	• communicates the steps of an experimental procedure with limited effectiveness	• communicates the steps of an experimental procedure with some effectiveness	• communicates the steps of an experimental procedure with considerable effectiveness	• communicates the steps of an experimental procedure with a high degree of effectiveness
<b>Expression and organization of ideas and information that support conclusions</b>	• expresses and organizes ideas and information with limited effectiveness	• expresses and organizes ideas and information with some effectiveness	• expresses and organizes ideas and information with considerable effectiveness	• expresses and organizes ideas and information with a high degree of effectiveness
<b>Application</b>				
<b>Identification of potential applications of the results of an investigation to real world situations</b>	• rarely identifies potential applications to real world situations	• occasionally identifies potential applications to real world situations	• regularly identifies potential applications to real world situations	• consistently identifies potential applications to real world situations