

Assessment Rubric – LAB REPORT

CRITERIA	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Initiating Purpose/ Questions/ Hypothesis	• shows little understanding of the purpose of the task	• shows some understanding of the purpose of the task	• shows considerable understanding of the purpose of the task	• shows a solid understanding of purpose of the task
	• Has some difficulty generating a hypothesis or prediction	• Generates a questionable hypothesis or prediction	• Generates a valid hypothesis or prediction	• Generates an insightful hypothesis or prediction
Planning Materials, Design & Procedure	• Does not provide a reference for the procedure	• Procedure is not properly referenced	• Provides a complete reference for the procedure	• Complete procedure, including any changes, is properly referenced
	• Does not identify materials	• Some materials are not identified	• Most materials are identified	• All materials are identified
	• writes an unclear summary which conveys very little information about what took place in the experiment	• writes a clear summary of some of what was done in the experiment	• writes a clear and concise summary of most of what was done in the experiment	• writes a clear and concise summary of all that was done in the experiment
Recording	• Makes few observations	• Makes many observations but they may be insufficient to generate data	• Makes sufficient observations to generate data	• Makes rich observations
	• Records little data	• Records data but organization is lacking	• Records relevant data in an organized way	• Records relevant data in an organized and skillful way
Analyzing and Concluding	• Provides limited analysis of the data	• Provides some analysis of the data	• Provides sufficient analysis of the data	• Provides rich analysis of the data
	• Demonstrates limited ability to draw conclusions based on the data	• Demonstrates some ability to draw conclusions based on the data	• Draws valid conclusions based on the data	• Draws insightful conclusions based on the data
Evaluating	• Provides limited evaluation of methods used	• Provides some evaluation of methods used	• Provides sufficient evaluation of methods used	• Provides a thorough evaluation of methods used
	• Conducts limited evaluation of the prediction and hypothesis in light of evidence gathered	• Conducts some evaluation of the prediction and hypothesis in light of evidence gathered	• Conducts sufficient evaluation of the prediction and hypothesis in light of evidence gathered	• Conducts thorough evaluation of the prediction and hypothesis in light of evidence gathered