

Traditional Chemlab Holistic Rubric

Scoring Criteria	Rating
<ul style="list-style-type: none">• Each step in the procedure was followed carefully.• Observations were made systematically and show attention to detail.• Tools and materials were used precisely and strategies to minimize error were employed.• Data charts are very organized and include appropriate labels and units.• Analysis questions are complete, logical, creative and provide evidence from the lab as the basis for explanations.• Inferences are thoughtful and within the boundaries of the available evidence.• Analysis of error is thoughtful and thorough.• All appropriate safety precautions and waste disposal procedures were taken.	4
<ul style="list-style-type: none">• Each step in the procedure was followed.• Observations were made systematically and data charts are complete.• Analysis questions are answered completely and logical explanations are provided.• All appropriate safety precautions and waste disposal procedures were taken.	3
<ul style="list-style-type: none">• Lab was completed but procedure was not followed systematically.• Observations were made but were not made systematically.• Data tables were poorly drawn and organized and/or lack complete data collection.• Tool and material usage was sloppy, leading to imprecise measurements.• Answers to analysis questions were not based on evidence from the lab and/or lacked explanations where required.• Safety precautions and/or workstation waste disposal is lacking or incomplete.	2
<ul style="list-style-type: none">• The work is very poorly done or has not been completed.	1