Name: **Date:**   **Class:**

Lab Notebook Rubric

	0	1	2	4
Purpose • Lists the original question/problem	✓ Missing all information	✓ States the problem or question		
Procedure • Step by step description of lab	✓ Missing all information	✓ Includes step by step description of lab		
Data / Observations • Tables or graphs • Description of what is happening • calculations	✓ Missing all information	✓ Includes at least one observation but is lacking all other necessary information	✓ Includes multiple observations ✓ Lacking data table, graph or calculations	✓ Includes multiple observations ✓ Includes data table (if data is collected) ✓ Includes graph(s) (if data is able to be graphed) ✓ Calculations are shown in full
Claim • A statement or conclusion that answers the original question/problem	✓ Missing all information, or makes an inaccurate claim.		✓ Makes an accurate but incomplete claim.	✓ Makes an accurate and complete claim.
Evidence • Scientific data that supports the claim • The data needs to be appropriate and sufficient to support the claim	✓ Missing all information, or only provides inappropriate evidence (Evidence that does not support claim).		✓ Provides appropriate, but insufficient evidence to support claim. May include some inappropriate evidence.	✓ Provides appropriate and sufficient evidence to support claim.
Reasoning • Justification connecting evidence to the claim • Uses appropriate scientific principles for data analysis	✓ Missing all information, or only provides inappropriate reasoning.		✓ Provides reasoning that connects the evidence to the claim. May include some scientific principles or justifications for why the evidence supports the claim, but not sufficient.	✓ Provides reasoning that connects the evidence to the claim. Includes appropriate and sufficient scientific principles to explain why the evidence supports the claim.

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