**Lab Notebook Rubric**

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|  | 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. |