Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period #\_\_\_\_\_\_\_\_\_

4 3 2 1

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| --- | --- | --- | --- | --- |
| **I. Overview** | **Complete with Purpose procedure and conclusion** | **Mostly complete but lacks conclusion** | **Lacks procedure and conclusion** | **Lack , Purpose, procedure and conclusion** |
| **II. Objective/ Research** | **Objective completely stated and clear** | **Unclear objective** | **Unclear Objective, confusing** | **no objective or research question** |
| **III. Materials** | **Complete list of materials** | **lacking one or two major materials** | **Lacking 4 or 5 major materials** | **No materials listed** |
| **IV. Hypotheses** | **One for each variable, clearly stated** | **Missing one variable** | **Missing two or more** | **No hypotheses** |
| **V. Procedure (x2)** | **Clear, past tense, Numbered, dates, each day addressed. Variables identified** | **One of the following clearly missed: Wrong tense, not numbered, each day not discussed**  **Not all variables identified** | **Two or more missed: Wrong tense, not numbered, each day not discussed. Few variables identified** | **Unclear, Wrong tense, not numbered, each day not discussed. Used design not lab. No variables identified** |
| **VI. Quantitative Data** | **All data in a data table, dates, variables labeled, Calculations made** | **Missing one of the following:**  **All data in a data table, dates, variables labeled, Calculations made** | **Missing two or more of the following: All data in a data table, dates, variables labeled, Calculations made** | **Data table not complete** |
| **VII. Qualitative Data** | **All data in a data table, dates, variables labeled, clear** | **Missing one of the following:**  **All data in a data table, dates, variables labeled,** | **Missing two or more of the following:**  **All data in a data table, dates, variables labeled, not clear** | **Data table not complete** |
| **VIII. Graphs** | **All graphs complete, Master graph, axis labeled correctly** | **Missing one graph or one axis not labeled correctly** | **Missing two or more graphs or two axis not labeled correctly** | **Missing most graphs, graphs not labeled correctly** |
| **IX. Analysis (x2)** | **Clear analysis complete for each variable with conclusion, evidence, data, explanation** | **Analysis missing one or more variable with conclusion , evidence, data, explanation** | **Analysis missing two or more variable or missing two or more conclusions , evidence, data, explanation** | **Analysis incomplete. Missing variable, missing conclusions, missing data** |
| **X. Limiting Factors** | **Complete list and explanation** | **Complete list, no explanation** | **Incomplete list, no explanations** | **No list** |
| **XI. Mistakes** | **Complete list and explanation** | **Complete list, no explanation** | **Incomplete list, no explanations** | **No list** |
| **XII. Different** | **Complete list and explanation** | **Complete list, no explanation** | **Incomplete list, no explanations** | **No list** |
| **XIII. Lab Notes** | **Complete for each day** | **Missing one day** | **Missing three days** | **Missing four or more days** |

Score \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Comments: