**Question/Title:**

| 0 |  | No question or title |
| --- | --- | --- |
| 1 |  | Topic is unclear in title/question |
| 2 |  | Well defined question; title descriptive |

**Hypothesis:**

| 0 |  | None shown |
| --- | --- | --- |
| 1 |  | Weak; shows little understanding |
| 2 |  | Minimal; shows some understanding |
| 3 |  | Adequate; shows understanding |
| 4 |  | Very good; strong reasoning for hypothesis |
| 5 |  | Well-defined hypothesis; shows deep understanding and scientific reasoning |

**Procedure:**

| 0 |  | None shown |
| --- | --- | --- |
| 1 |  | Incomplete or disorganized |
| 2 |  | Detailed; accounts for some variables |
| 3 |  | Detailed; accounts for all variables |
| 4 |  | Detailed; accounts for all key variables and includes controls |

**Testing & Trials:**

| 0 |  | None shown |
| --- | --- | --- |
| 1 |  | Single observation or group |
| 2 |  | Multiple observations/groups; 2 trials or less |
| 3 |  | Multiple observations/groups; limited to 3 trials |
| 4 |  | Multiple observations/groups; more than 3 trials |
| 5 |  | Multiple observations/groups/control groups; 3 trials |
| 6 |  | Multiple observations/groups/control groups; more than 3 trials |

**Data:**

| 0 |  | None shown |
| --- | --- | --- |
| 1 |  | Limited data is displayed; insufficient for valid conclusion |
| 2 |  | Some data displayed, but incomplete or poorly displayed |
| 3 |  | Data recorded, displayed/ in graphs/charts, hard to understand |
| 4 |  | Data recorded, displayed/ in graphs/charts, most components included are easy to understand |
| 5 |  | Data recorded, displayed/ in graphs/charts, all components included are easy to understand |

**Conclusion:**

| 0 |  | None shown |
| --- | --- | --- |
| 1 |  | Conclusion does not relate to the problem/ hypothesis or is not supported by data |
| 2 |  | Conclusion has some relevance to the problem/hypothesis, but not supported by the data |
| 3 |  | Conclusion addresses the problem/hypothesis, but not easily supported by the data |
| 4 |  | Conclusion addresses the problem/hypothesis, but is unclearly supported by the data |
| 5 |  | Conclusion addresses the problem/hypothesis and is clearly supported by the data |

**Grammar/Mechanics:**

| 0 |  | Illegible and/or hard to understand |
| --- | --- | --- |
| 1 |  | Difficult to understand due to multiple grammatical, organizational, or spelling errors |
| 2 |  | Understandable; some grammatical, organizational, or spelling errors |
| 3 |  | Understandable; few grammatical, organizational, or spelling errors |
| 4 |  | Understandable; no grammatical, organizational, or spelling errors |

**Presentation/Aesthetics:**

| 0 |  | Unsatisfactory neatness ***and*** display |
| --- | --- | --- |
| 1 |  | Unsatisfactory neatness ***or*** unsatisfactory display |
| 2 |  | Satisfactory neatness and organized display |
| 3 |  | Very neat, attractive, and well organized |

**Originality:**

| 0 |  | Typical project, typical approach |
| --- | --- | --- |
| 1 |  | Typical project; however, has a unique approach |
| 2 |  | Creative project; however, typical approach |
| 3 |  | Creative project; original project; unique approach |

**Project Log Book**

| 0 |  | No log book present |
| --- | --- | --- |
| 1 |  | Log book present, includes only 1 elements\* |
| 2 |  | Log book present, includes 2 of the required elements\* |
| 3 |  | Log book present, includes 3 of the required elements\* |
| 4 |  | Log book present, includes 4 of the required elements\* |
| 5 |  | Log book present includes 5 of the required elements\* |
| 6 |  | All elements\* present |

**COMMENTS:** Please provide at least one positive comment, as well as, one piece of advice to improve this particular project. These will be returned to students and teachers!