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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Level 1** | **Level 2** | | **Level 3** | | | **Level 4** | | **Mark** | **Next Steps** |
| **INQUIRY** | | | | | | | | | | **TOTAL** | **/ 20** |
| **Theory** | | Incomplete discussion of theory | | Partially complete discussion of theory | | Complete discussion of theory, equations are present, but variables are not defined | | | Detailed discussion of theory, equations include properly defined variables | **/ 8** |  |
| **Materials** | | Present, but missing materials | | | | Present and includes all major materials | | | | **/ 2** |  |
| **Procedure** | | Reference is present | | | | Reference is present and a diagram of the setup is included | | | | **/ 2** |  |
| **Error Analysis** | | Incomplete list of sources and no % error | | Complete list of sources but no % error | | Complete list of sources and % error | | | Complete list of sources, % error and lab improvements | **/ 4** |  |
| **Discussion** | | Incomplete analysis questions | | Partially complete analysis questions | | Complete analysis questions | | | Complete analysis questions that are answered exceptionally | **/ 4** |  |
| **COMMUNICATION** | | | | | | | | | | **TOTAL** | **/ 28** |
| Title Page | Present but missing information | | | | Present and includes all information | | | | | **/ 2** |  |
| **Purpose** | Copied from text | | Poorly written in own words | | Well written in own words | | | Well written and includes anticipated findings | | **/ 4** |  |
| **Observations** | Present, but missing important observations | | Present and includes most observations | | Present and includes all observations | | | Well presented and includes all observations | | **/ 8** |  |
| **Conclusion** | Incomplete and poorly written | | Partially complete | | Complete | | | Complete and well written | | **/ 4** |  |
| **References** | Present, but not in APA format | | | | Present, in APA format | | | | | **/ 2** |  |
| **Appendices** | Few required elements are present | | Some required elements are present | | Most required elements are present | | | All required elements are present, with appropriate results and units | | **/ 4** |  |
| **Scientific Tone, Spelling and Grammar** | Poor scientific tone with many spelling and grammar errors | | Moderate scientific tone with some spelling and grammar errors | | Good scientific tone with minimal spelling and grammar errors | | | Exceptional scientific tone with no spelling and grammar errors | | **/ 4** |  |
| **Comments** | | | | | | | | | | **TOTAL** | **/ 48** |
| **Strengths:** | | | | | | | **Additional Next Steps (if any):** | | | | |
| **Weaknesses:** | | | | | | |