|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **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:** |