**Poster Grading Rubric**

| Possible points🡺 | 1 (worst) | 2 | 3 | 4 (best) |
| --- | --- | --- | --- | --- |
| Introduction | Not present | Is very general and includes all sections | Includes explanation of magnet and compass, but not in student’s own words | Includes a well-summarized explanation of magnet and compass in the student’s own words |
| Methods | Not present | Experimental setup is discussed, but not in detail; does not include data collection | Experimental setup is discussed in detail; does not include specific information on accurate data collection | Experimental setup is discussed in detail, including method of accurate data collection and picture of the experimental setup |
| Data | Not present | Scatter plot is present and correctly formatted, but not explained | Scatter plot is correctly formatted and included, but explanation is incorrect or incomplete | Scatter plot is correctly formatted and included; explanation is correct or complete |
| Results | Not present | Log-log plot is present and correctly formatted, but not explained; calculations are missing | Log-log plot is present and correctly formatted, but not explained; calculations are present, possibly with a few minor errors | Log-log plot is present and correctly formatted; explanation is correct; calculations are complete and correct with no error that affects the results |
| Discussion & Conclusion | Not present | Purpose of experiment and engineering connection are present; justification for log-log plot is present; statement of result is incomplete or future work is missing | Purpose of experiment and engineering connection are well developed; justification for log-log plot is present; statement of result is incomplete or future work is missing | Purpose of experiment and engineering connection are well developed; justification for log-log plot is present; statement of result is present and validated; a good statement of future work is present |
| Acknowledgements | Not present |  |  | Complete |
| Total Score | **5-9****= no score****(0-65%)** | **10-14****= not acceptable****(70-79%)** | **15-19****= acceptable****(80-89%)** | **20-24****= complete****(90-100%)** |

Additional notes: