

## Poster Grading Rubric

| Possible points➔    | 1 (worst)   | 2  | 3  | 4 (best)  |
|---------------------|-------------|--|--|---|
| <b>Introduction</b> | 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   |
| <b>Methods</b>      | 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                         |
| <b>Data</b>         | 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  |
| <b>Results</b>      | 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 |

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

| Possible points➔                   | 1 (worst)                           | 2  | 3   | 4 (best)   |
|------------------------------------|-------------------------------------|--|---|--|
| <b>Discussion &amp; Conclusion</b> | 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 |
| <b>Acknowledgements</b>            | Not present                         |  |   | Complete   |
| <b>Total Score</b>                 | <b>5-9</b><br>= no score<br>(0-65%) | <b>10-14</b><br>= not acceptable<br>(70-79%)   | <b>15-19</b><br>= acceptable<br>(80-89%)  | <b>20-24</b><br>= complete<br>(90-100%)  |

Additional notes: