

QRMS Project 3: Grading Rubric

Please staple this rubric on as a cover sheet for your project.

Name(s):

1. Introduction (5 pts) -----
 - Is the problem to be solved clearly identified?
 - Is the answer reached clearly identified?
2. Methodology I: Procedure (10 pts) -----
 - Does the essay describe how physical data was gathered?
 - Is the method described clearly enough that a reader could reproduce it?
 - Does the essay describe (or provide a formula for) how the final answer was reached from this data?
 - Is the method or formula described clearly enough that a reader could reproduce it?
3. Methodology II: Data (10 pts)
 - Does the essay include all relevant physical data?
 - If the essay includes a significant amount of data, is it presented in a clear manner?
4. Methodology III: Accuracy/Reliability (25 pts)
 - Does the data gathering method make sense?
 - Was any statistical sampling done properly and in a sensible way?
 - Does the essay discuss the accuracy/reliability of the data?
 - Does the essay make a convincing argument that the data is accurate and reliable?
 - Does the method or formula used to reach the final answer make sense?
 - Does the essay explain why this formula will give the desired answer?
 - Is this method or formula reliable and accurate?
 - Are all calculations included in an appendix and clearly-labeled?
5. Interpretation/Conclusion (5 pts) -----
 - Does the essay critically examine the significance of the conclusion reached?
 - Does the essay have an adequate conclusion? (this is somewhat open-ended)
6. Further Research (5 pts) -----
 - Does the essay provide a method for answering the second question (# of stars in universe)?
 - Does the method make sense?
 - Is a justification/citation given for numbers used in any calculations?
 - Optionally, are other relevant questions discussed?
7. Organization (0 pts, *negative score possible*) -----
 - Does the essay flow smoothly and logically?
 - Are key features such as the thesis easily identifiable and supported by the essay?
 - Are the topics discussed in the essay tied back thematically to the thesis?
8. Mechanics (0 pts, *negative score possible*) -----
 - Are spelling, grammar, punctuation, etc. correct? Are words used correctly?
 - Does the essay reflect proper standards for formal writing?
 - Does the essay have a title?

TOTAL: ----- / 60