Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Topic \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the key below to assign a score for each of the following categories. All adult and peer raters should sign below. Please submit the clean, edited copy to your teacher.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Place a check for each bulleted statement that is present in the report** | **Self** | **Adult #1** | **Adult #2** | **Peer** |  **Teacher** |
| 1. **Title Page (2 pts)**
* Your Name
* Teacher’s name
* Title
* Due date
 | **\_\_****\_\_**\_\_\_\_ | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_** | **\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** |
| 1. **Table of Contents (2 pts)**
* Page numbers listed
* Separate page
 | **\_\_**\_\_ | **\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_****\_\_\_\_** | **\_\_\_\_****\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_** |
| **3. Introduction (24 points)** * Explain background
* Scientific reasoning behind choice
* Previous research
* Strong rationale/purpose/problem
* Emphasizes unresolved issues or problems
* Hypothesis stated
* Includes citations from published sources
* Correct MLA style used (in text citations used correctly)
 | **\_\_****\_\_****\_\_****\_\_****\_\_****\_\_****\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_** | **\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_****\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** |
| 4. Materials/Procedures (8 pts)* Materials listed
* Detailed procedure
* Narrative form
* Thorough description of all equipment/materials used and where obtained
 | \_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **5. Results (12 points)** * Data presented with averages
* No raw data
* Narrative form
* Tables and graphs included
* Tables and graphs labeled and titled
* Tables and graphs understandable and match hypothesis
 | **\_\_\_****\_\_\_****\_\_\_****\_\_\_****\_\_\_****\_\_\_** | **\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_** | **\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_****\_\_\_\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_** | **\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_\_****\_\_\_\_** | **\_\_\_\_\_\_****\_\_\_\_\_\_****\_\_\_\_\_\_****\_\_\_\_\_\_****\_\_\_\_\_\_****\_\_\_\_\_\_** |
| 6. Discussion (27 pts) * Flows smoothly and logically
* Thorough analysis with justification of results (4)
* Compared to expected results/

 common beliefs/published  values/theoretical values* Error analysis discussed (4)
* How errors would have affected

 results* Problems experienced
* Future modifications
* Further questions or studies that could springboard from the research (4)
 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. Conclusion (9 pts) * Summarize only
* Accept/reject hypothesis
* No new information introduced
 | \_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **8. Acknowledgements (1 pts)**  | **\_\_** | **\_\_\_\_\_** | **\_\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_\_** |
| **9. References/Bibliography**  **(15pts)** * Alphabetical order by 1st word
* MLA style
* At least 6 sources(12 for team project)
* Variety of sources
* Only one encyclopedia in 1st

 six sources* All required references are listed and are cited in paper (-2 points for each extra/missing source)
 | **\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **10. Grammatical Errors (-1 point each)**  | **\_\_** | **\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_** |
|   Total Score  | **\_\_** | **\_\_\_\_\_** | **\_\_\_\_\_** | **\_\_\_\_** | **\_\_\_\_\_** | **\_\_\_\_\_** |

**Adult Reviewer #1 Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_**

**Adult Reviewer #2 Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_**

**Peer Reviewer Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_**