Hummingbird Research Investigation Grading Rubric

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **No Evidence** | **Approaching Expectations** | **Proficient / Competent** | **Advanced** |
| Research Question | * Not formulated as a question
 | * RQ but not measurable
* RQ but not testable
 | * RQ, Measurable, Testable
 |  |
| Research Hypothesis | * Not formulated as a hypothesis statement
 | * A hypothesis statement but not supported with evidence
 | * Scientific research hypothesis with supporting evidence.
 |  |
| Methodology | * Research methods unclear
* No distinct step-by-step outline of methods
* Some steps may have been skipped
* Some processes not documented
* Data collection minimal
 | * Most methods are clear
* Most steps included
* Most methods understandable and logical
* Most processes documented
* Data collection adequate
 | * All necessary steps in process are clear and documented
* Methods are understandable and logical
* All processes documented
* Data collection thorough
 |  |
| Results | * Results are unclear or not understandable
 | * Results are mostly clear and understandable
 | * Results are clear and understandable
 |  |
| Follow-up Questions | * No follow-up questions
 | * Minimal follow-up questions
* Not well-thought-out
* May be un-scientific
 | * Required follow-up questions
* Well-thought-out
* Scientific
 |  |