Name of Student\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name of Reviewer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Biochar Peer/Adult Review form. Use the attached rubric to assist with this form. First, complete the review yourself and make any changes before you have someone else review your paper. THEN have another student, your parent, a sibling, or someone else who will critically review your work complete the review in a different color. You will turn in this paper AND the rubric for me to grade.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title (5 Points)** | YES | NO | Feedback and comments | | | /5 |
| Appropriate Title |  |  |  | | | |
| Independent variable(s) included |  |  |
| Dependent variable(s) included |  |  |
| Title page included |  |  |
| **Introduction Paragraphs (15 Points)** | Should be 2 paragraphs | | |  |  | /15 |
| Paragraph on biochar is included |  |  |  | | | |
| All questions about biochar are addressed |  |  |
| Paragraph on Mung Beans is included |  |  |
| Mung Bean information is complete and relevant |  |  |
| **Purpose (5 Points)** |  |  |  |  |  | /5 |
| Clearly stated in a complete sentence? |  |  |  | | | |
| **Hypothesis (5 Points)** |  |  |  |  |  | /5 |
| If then (because) format? |  |  |  | | | |
| Testable? |  |  |
| Hypothesis is related to data collected |  |  |
| **Variables (10 Points)** | Should be listed with complete sentences | | | | | /10 |
| Dependent variable(s) |  |  |  | | | |
| Independent Variable(s) |  |  |
| Control Group(s) |  |  |
| **Materials and Procedure –** |  |  | NOT REQUIRED |  |  |  |
| **Data Tables (5 Points)** |  |  |  |  |  | /5 |
| Mrs. Urban has your data table? |  |  |  | | | |
| **Graphs (10 Points)** | Should contain multiple graphs | | | |  | /10 |
| Data is accurately displayed in graphs |  |  |  | | | |
| Scale is correct for x and y axis |  |  |
| Axes are labeled and include units |  |  |
| Legend is included and correct |  |  |
| Title is included |  |  |
| **Analysis (10 Points)** |  |  |  |  |  | /10 |
| Description of differences in biomass? |  |  |  | | | |
| Description on differences in height? |  |  |
| Did they use specific numbers? |  |  |
| Did they describe differences other data (color, germination rates, germination dates, etc.? |  |  |
| **Conclusions (15 points)** | YES | NO |  |  |  | /15 |
| Did they write if the experiment supported or did not support the hypothesis (do not use prove)? |  |  |  | | | |
| Explain the why behind their results? |  |  |
| Did they make a Claim, Evidence, and Reasoning (CER) about using biochar? |  |  |
| Is the CER based on evidence from this experiment and complete? |  |  |
| **Reflection (10 Points)** |  |  |  |  |  | /10 |
| Errors are explained. |  |  |  | | | |
| They explained what they would do differently. |  |  |
| New questions are posed and explained |  |  |
| They explained other experiments needed. |  |  |
| **References (5 Points)** |  |  |  |  |  | /5 |
| 3 references are included |  |  |  | | | |
| References are listed using an appropriate format MLA, APA |  |  |
| **Formatting (5 Points)** |  |  |  |  |  | /5 |
| There are no spelling errors |  |  |  | | | |
| The writing is clear and easy to follow |  |  |
| There are no grammatical errors |  |  |

Other Feedback or Comments: