**Rubric for Birding Report, 6th grade Science**

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| Criteria | 4 | 3 | 2 | 1 | Score |
| Introduction | Question is stated. Hypothesis is testable and directly relates to the investigation.Reasoning behind question and hypothesis clearly stated and background information is given. | Question is stated and hypothesis is testable but may not relate to the investigation posed or there is not enough background presented. | Hypothesis is unclear and/or not testable and there is little or no background information. | No scientific question/hypothesis is posed. No background information. |  |
| Materials and Methods | All materials and methods are listed. This is an easy to understand and repeat investigation. | Some materials and methods are listed. Procedures are understandable and likely repeatable. | Few materials and methods are listed. The procedure is not understandable, and it would be difficult to repeat investigation. | Few/no materials or methods are listed. Procedures are unclear and could not be repeated. |  |
| Results and Graphs | Excellent summary. Results are clearly stated and data patterns are clearly explained. Graphs are appropriate for investigation, and variables are clear. | Some key information is missing related to data and patterns. Graphs are not completely appropriate for investigation or are somewhat unclear. | Results and analysis are unclear and graphs are not appropriate for investigation or unclear. | Graphs and explanation are completely unclear or missing. |  |
| Discussion  | Question posed in Introduction is clearly addressed. Alternative explanations for results and ideas for future studies are clear. | Question posed in Introduction is addressed. Alternate explanations for results or ideas for future study are incomplete. | Question posed in Introduction is not addressed or alternate explanations and ideas for future study are missing. | No conclusions related to the question are included. Explanations and ideas for future study are missing. |  |
| Grammar and Overall  | There are no spelling or grammar mistakes. Report is clearly written. | There are a few spelling or grammar mistakes that don’t detract from the overall report. | There are many grammar and spelling mistakes and the report is poorly written. | Numerous grammar mistakes make reading impossible. |  |

**TOTAL SCORE (of 20 maximum): \_\_\_\_\_\_\_\_\_\_\_**