**GE Area B2 Outcome 2 Rubric**

Recognize scientific principles and apply the scientific method.

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|  | 4 - Advanced | 3 - Proficient | 2 - Developing | 1 - Incomplete |
| Recognize Scientific Principles | Student gives a thorough and detailed explanation of the key scientific principle(s) related to the experiment or data set. | Student gives an adequate explanation of the key scientific principle(s) related to the experiment or data set. | Student does NOT give an adequate explanation of the key scientific principle(s) related to the experiment data set. | Student does not complete assignment. |
| Apply Scientific Method  | Student applies scientific method by accurately designing an experiment or accurately drawing conclusions from the data provided. Discussion of results or conclusions is very detailed. | Student applies scientific method by accurately designing an experiment or drawing conclusions from the data provided. Discussion is not very detailed. | Students does NOT successfully apply the scientific method and thus their results or conclusions are partly correct or incorrect. | Student does not complete assignment. |