GEO 4 (Contextual Competence): Demonstrate scientific reasoning.

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| **Outcome** | **The Student** | **Assignment/ Measures** | **Success Criteria** | **Student Outcomes** | **Revisions/ Improvements** |
| **Science and Society** | ● Defends an informed position on contemporary scientific issues using multiple sources of information  ● Describes effects of science on society  ● Accurately presents scientific information to an appropriate audience |  |  | \_\_\_\_ of \_\_\_\_ students met the success criteria. |  |
| **Basic Concepts and Fundamental Principles** | ● Integrates and applies scientific concepts and principles  ● Integrates novel observations into existing knowledge content |  |  | \_\_\_\_ of \_\_\_\_ students met the success criteria. |  |
| **Scientific Inquiry** | ● Collects information (through experimentation and/or research)  ● Draws conclusions from data through the use of the scientific method |  |  | \_\_\_\_ of \_\_\_\_ students met the success criteria. |  |
| **Quantitative Reasoning** | ● Interprets information presented in charts, graphs, data and tables  ● Correct uses scientific measurement systems including scientific units, scales and conversions |  |  | \_\_\_\_ of \_\_\_\_ students met the success criteria. |  |