Capstone Rubric: Presenting Scientific Ideas

This rubric scores students on their development of scientific ideas as well as their presentation of the science. It is has been initially designed for the assessment of an individual student and for an approximately 10 minutes presentation. It has been broken-down into two sections: (1) the science (page one) and (2) the presentation (page two).

The Science:

|  |  |  |
| --- | --- | --- |
| Metric (Points) | Earned Points | Notes/Feedback |
| Inspiring paper identified |  |  |
| Brief background information |  |  |
| Importance of research |  |  |
| Research question provided |  |  |
| Hypotheses clearly outlined |  |  |
| Experiment/methods |  |  |
| Clear and appropriate use of stable isotopes |  |  |
| Expected results |  |  |

The Presentation

|  |  |  |
| --- | --- | --- |
| Metric (Points) | Earned Points | Notes/Feedback |
| Speaks at appropriate pace/volume |  |  |
| Makes eye contact |  |  |
| Speaks towards audience |  |  |
| Between 9-11 minutes |  |  |
| Slides organized |  |  |
| Images/text sized correctly |  |  |
| Graphs/figures labeled |  |  |
| Handling of questions |  |  |

Extra notes/feedback: