Student Scientific Analysis and Interpretation (Written Report)					42 points

Scoring Codes

O = Outstanding   BA = Below Average
AA = Above Average   NE = No evidence
A = Average

	O	AA	A	BA	NE
Organization					
Title Author(s)	-	1	-	-	0
Visually appealing, organized	-	1	-	-	0
Introduction					
Description/introduction to the Critical Zone	4	3	2	1	0
Background information describing topic for "non-experts" and includes connection to Critical Zone	4	3	2	1	0
The question students were trying to answer is clearly stated.	2	1.5	1	0.5	0
Claim					
Student's claim is clearly stated and answers the question.	4	3	2	1	0
Evidence					
Graph is clearly displayed with title, axes, and variables labeled.	2	1.5	1	0.5	0
Trends in the data are clearly described and match those shown in the graph.	6	4.5	3	1.5	0
Includes an explanation of what the student thinks the data is telling them.	6	4.5	3	1.5	0
Justification					
Students explain why the data is important for supporting their claim.	6	4.5	3	1.5	0
Students explain the overarching scientific principles that support their interpretation of the data with respect to their claim and evidence.	6	4.5	3	1.5	0
	TOTAL _____ / 42				

Comments:

Student Creative Project					**32 points**

Scoring Codes

O = Outstanding   BA = Below Average
AA = Above Average   NE = No evidence
A = Average

	O	**AA**	**A**	**BA**	**NE**
Project Quality & Organization					
Project demonstrates effort.	6	4.5	3	1.5	0
Creativity					
The project is interesting, new, or inspired, and makes an original contribution to the field of environmental art and/or communication. *Please note: The art can be abstract - creativity and thinking outside of the box is encouraged! Just be sure to include a written or verbal explanation of how it is representing the story of the data.*	8	6	4	2	0
Data Incorporation					
Data is presented in a way that is easily understandable to non-experts.	4	3	2	1	0
The creative project accurately portrays the data trend that the student identified in their analysis and interpretation.	6	4.5	3	1.5	0
The creative project references specific data to demonstrate accurate portrayal of the trend (e.g., physical model contains a scale or legend; reference is made to particular data in a poem).	8	6	4	2	0
	TOTAL _____ / 32				

Comments: