



My NASA Data

Student Name:

Date:

Period:

C-E-R Rubric

Description	3 Points	2 Points	1 Point	0 Points
Claim	Makes an accurate and complete statement linking independent and dependent variables	Makes an accurate but incomplete claim addressing only one variable	Makes an inaccurate claim	Does not make a claim
Evidence	Provided appropriate and sufficient evidence to support claim using qualitative and quantitative observations of both the independent and dependent variables	Provide appropriate but insufficient evidence to support claim	Provides inappropriate evidence. The evidence does not support the claim	Does not provide evidence
Reasoning	Provides reasoning that connects each piece of evidence to the claim. Uses scientific principles to explain why the evidence supports the claim.	Provides appropriate but incomplete reasoning. Each piece of evidence is not supported by a line of reasoning.	Provides inappropriate reasoning.	Does not provide reasoning.
Total				

Student Name:

Date:

Period:

C-E-R Rubric

Description	3 Points	2 Points	1 Point	0 Points
Claim	Makes an accurate and complete statement linking independent and dependent variables	Makes an accurate but incomplete claim addressing only one variable	Makes an inaccurate claim	Does not make a claim
Evidence	Provided appropriate and sufficient evidence to support claim using qualitative and quantitative observations of both the independent and dependent variables	Provide appropriate but insufficient evidence to support claim	Provides inappropriate evidence. The evidence does not support the claim	Does not provide evidence
Reasoning	Provides reasoning that connects each piece of evidence to the claim. Uses scientific principles to explain why the evidence supports the claim.	Provides appropriate but incomplete reasoning. Each piece of evidence is not supported by a line of reasoning.	Provides inappropriate reasoning.	Does not provide reasoning.
Total				



Student Data Sheet

Student Name:

Date:

Period:

Claim: *(One sentence statement that addresses the relationship between sea level and melting sea ice.)*

Evidence: Sufficient, Appropriate, and Observation-driven	Reasoning <i>(Why is this evidence important?)</i>
<u>Qualitative Observations:</u> 1. 2. 3.	<u>Qualitative Observations:</u> 1. 2. 3.
<u>Quantitative Observations:</u> 1. 2. 3.	<u>Quantitative Observations:</u> 1. 2. 3.

Student Data Sheet 1

Student Name:

Date:

Period:

Claim: *(One sentence statement that addresses the relationship between sea level and melting sea ice.)*

Evidence: Sufficient, Appropriate, and Observation-driven	Reasoning <i>(Why is this evidence important?)</i>
<u>Qualitative Observations:</u> 1. 2. 3.	<u>Qualitative Observations:</u> 1. 2. 3.
<u>Quantitative Observations:</u> 1. 2. 3.	<u>Quantitative Observations:</u> 1. 2. 3.