Claim, Evidence, and Reasoning

Claim

The claim answers the question. It states what you think. It is written in a scientific sentence using academic language. There should be no "I" in the statement.

Some sentence frames to help you write your claim statement

* _____ causes _____.
* _____ is the reason for _____.
* _____ and _____ have many differences.

Evidence

The evidence is the actual observations, measurements, or quotes from the experiment or articles. Information should come from the data collection when using a lab.

Some sentence frames to help you write your evidence statements

* The text states _____.
* According to the article _____, _____.
* In the article _____ the author states _____.
* In the _____ activity it was observed that _____.
* A pattern that was discovered in the activity was _____. For example, _____.
* It was discovered that _____. For example, _____.

Reasoning

The reasoning explains why the evidence supports the claim. It uses knowledge that is already known from science class and real world knowledge to link the evidence to the claim.

Some sentence frames to help you write your reasoning statement

* This indicates _____.
* This supports the claim because _____.
* This is important because _____.
* This suggests that _____.

SCIENTIFIC EXPLANATION

Question:

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_____

Name: _____

_____

Claim:
What is your answer to the question?

_____

Class: _____

Supporting Evidence #1:

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Supporting Evidence #2:

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Supporting Evidence #3:

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Reasoning: How do you know that evidence supports your claim?

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Summary: (Put it all together)

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