**A Scientific Argument**

**The Claim**

A conclusion or descriptive statement that answers the research question.

**The Evidence**

Measurements, observations or findings from other studies that have been collected, analyzed and interpreted by the researchers. The data collected is used to determine

if there is…

* A trend over time.
* A difference between groups or objects.
* A relationship between variables.

**The Reasoning & Justification of the Evidence**

A statement or two that explains the importance and the relevance of the evidence by linking it to a specific principle, concept or underlying assumption.

**Generate an Argument**

**The Research Question:**

**The Claim:**

**Evidence:**

**Reasoning & Justification of the Evidence:**

**Write an Argument**

* State the claim you are trying to support.
* Include genuine evidence (data + analysis + interpretation).
* Provide a justification of your evidence that explains why the evidence is relevant and why it provides adequate support for the claim.
* Organize your argument in a way that enhances readability.
* Use a broad range of words including vocabulary we have learned.
* Correct grammar, punctuation, and spelling errors.