

How do we write SCIENTIFIC explanations?  
Claim, Evidence, Explanation

**Claim:**

It should answer the research question

It's usually 1 sentence.

A statement (conclusion) that you believe is true based on the evidence given.

**Evidence:**

Scientific data (usually numbers) that supports the claim.

How do you know if data is reliable?

*What is the source? Is it reliable?*

*Did it follow the scientific method?*

*Quantitative versus qualitative data*

**Explanation:**

Using previous and newly learned science knowledge, explain *why* you got the results you did. Explain *why* your claim makes sense. Use the concepts and vocabulary we have learned in class.