Claim

Most labs originate with a guiding question.

Your **claim** is the concluding statement that answers your original question.

- The claim is usually one sentence in length.

- It must be accurate, specific, and completely answer the question.

Evidence

The **evidence** is all of the scientific data that supports your claim.

- Evidence must be <u>sufficient</u> and <u>relevant</u> to your claim. <u>Not all data is considered evidence!</u>

- Most evidence is specific data from the lab. This can come from your own group or another group in the class.

Evidence

The **evidence** is all of the scientific data that supports your claim.

- It can also come from other sources such as: computer simulations, websites, textbook, class notes, personal experience, etc.

- It is important to have numerous pieces of evidence in order to prove your claim!

Reasoning

Reasoning is the explanation that connects your claim to the evidence that supports it.

- It shows why the data you chose counts as evidence.

- This explanation acts as a "conclusion" of your experiment.

Reasoning

Reasoning is the explanation that connects your claim to the evidence that supports it.

- It shows a detailed understanding of the scientific principles involved and uses correct science vocabulary.

- The reasoning should usually be at least a few sentences in length.