

Writing Scientific Conclusions

CLAIM

Answer the question.

- Restate the question.
- Make your claim.
“The reason why... is because...”
“The ... increased/decreased when... because...”

EVIDENCE

Use evidence to prove it.

- What did you observe?
Describe what you saw, heard, smelled, tasted, or felt.
Pay special attention to any changes.
Use transition words.
- What did you measure?
Identify the tools you used and the attributes you measured.
Highlight important differences or changes.
Remember your units!!

REASONING

Use science to explain why.

- What relevant science do you know?
Define any important vocabulary.
Identify things that are always given to be true.
Mention important scientific laws, theories, or principles.
- Science + Evidence = Conclusion
“Since [science] and [evidence], we can conclude that...”

Want to sound a like a real scientist? End your writing by...

- Comparing your conclusion to the original hypothesis.
- Making a list of questions to investigate further.