

Writing for Science

Claim - Evidence - Reasoning

What is CER writing?

CER is a way of writing in science that fully explains your findings with concrete evidence and explanations. It does not explain opinions.

3 Tricks for Better Writing

1. Avoid First Person
2. Strong Topic Sentences
3. Explain Evidence!

- ▶ Avoid first person voice and words like I, you, we, and they.
- ▶ Explain every piece of evidence! Assume your reader doesn't know the topic!

What is a Claim?

A claim is a statement that gives the answer or conclusion to the question or problem.

What is Evidence?

Evidence is scientific data that supports the claim. Evidence can be observations, measurements, or results from an experiment.

What is Reasoning?

Reasoning explains why the evidence supports the claim. It provides a logical connection between the evidence and claim.

How do you put it together?

Claim should create your thesis or topic sentence. Then, present your evidence followed by the reasoning. The reasoning is the most important part! All three parts are needed to answer the question.