

CER CHECKLIST

C

CLAIM

- Does the claim answer the question?
- The claim should only answer the question. Does the claim lack an explanation or reasoning?
- Is the claim more than a “yes” or “no” answer?
- Is the claim a complete sentence?

E

EVIDENCE

- Is each piece of evidence relevant to the claim?
- Is there enough evidence listed to support the claim?
- The evidence should lack an explanation or reasoning. Is each piece of evidence strictly an observation or data from the lab?
- Is the evidence listed specific and not vague or a generalization?

R

REASONING

- Is there a justification how each piece of evidence supports the claim?
- The reasoning should not simply repeat the evidence. Is there a link between the evidence and claim provided?
- Is the science principle explained why the evidence supports the claim?
- Is the reasoning written in complete sentences?

CER Student Graphic Organizer

Question:

Claim: *What is your answer to the question? It should be more than a "yes" or "no".*

Reasoning: *How does evidence support your claim? What is the science principle that explains why evidence is linked to the claim?*

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Evidence: *What is a specific observation or data from the lab that supports your claim?*

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