

Base CER Rubric

| Component | Level | | |
|---|--|--|---|
| | 0 | 1 | 2 |
| Claim – A conclusion that answers the original question. | Does not make a claim, or makes an inaccurate claim. | Makes an accurate but incomplete claim. | Makes an accurate and complete claim. |
| Evidence – Scientific data that supports the claim. The data needs to be appropriate and sufficient to support the claim. | Does not provide evidence, or only provides inappropriate evidence (Evidence that does not support claim). | Provides appropriate, but insufficient evidence to support claim. May include some inappropriate evidence. | Provides appropriate and sufficient evidence to support claim. |
| Reasoning – A justification that links the claim and evidence. It shows why the data counts as evidence by using appropriate and sufficient scientific principles. | Does not provide reasoning, or only provides reasoning that does not link evidence to claim. | Provides reasoning that links the claim and evidence. Repeats the evidence and/or includes some scientific principles, but not sufficient. | Provides reasoning that links evidence to claim. Includes appropriate and sufficient scientific principles. |

CER Template modified from E. Brunsell, Edutopia by K. McNeill and J. Krajcik, NSTA.