



Making Sense of SCIENCE

Claim, Evidence, Reasoning (CER)

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RECOMMENDED CITATION:

Daehler, K., and Folsom, J. (2014). Making Sense of SCIENCE: Claim, Evidence, Reasoning (CER). San Francisco: WestEd. Retrieved from: <http://www.WestEd.org/mss>

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CLAIM, EVIDENCE, AND REASONING

CLAIMS

Claims are statements that you believe to be true and that answer a scientific question.

EVIDENCE

Evidence is factual information or data from experiments (e.g., observations, calculations, measurements) that contribute to the credibility of the claim.

REASONING

Reasoning is a description of the logic and/or scientific principles that fit the evidence together with the claim.