

Download Claim Evidence Reasoning Science

According to the CER model, an explanation consists of: . A claim that answers the question; Evidence from students' data; Reasoning that involves a "rule" or scientific principle that describes why the evidence supports the claim. Second, a focus on practices (in the plural) avoids the mistaken impression that there is one distinctive approach common to all science—a single “scientific method”—or that uncertainty is a universal attribute of science. *The Science of Why We Don't Believe Science* How our brains fool us on climate, creationism, and the vaccine-autism link. Chris Mooney May/June 2011 Issue. Fallacies. A fallacy is a kind of error in reasoning. The list of fallacies below contains 224 names of the most common fallacies, and it provides brief explanations ...