Evaluating Scientific Claims

Today's Standard

9-10.RST.8 - Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem.

Cues	Notes
What is a claim?	A claim is an assertion or statement that the author wants to prove.
What is evidence?	Evidence consists of data, facts, or information supporting the claim.
How to evaluate evidence?	To evaluate evidence, consider its source, methodology, and relevance.
What is reasoning?	Reasoning links the evidence to the claim, explaining how the evidence supports the claim.
Common biases in scientific texts	Common biases include confirmation bias, selection bias, and publication bias.

Summary

This standard emphasizes the importance of evaluating the reasoning and evidence in scientific and technical texts to support the author's claims. It involves understanding claims, evidence, and reasoning, and recognizing biases.