Analyzing Scientific Findings

Today's Standard

9-10.RST.9 - Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts.

Cues	Notes
What is source credibility? How to compare findings? Examples of scientific debates? What is scientific uncertainty? Why is this skill important?	Source credibility involves evaluating the trustworthiness of the author and publication. Comparing findings requires looking at similarities and differences in data and conclusions. Historical scientific debates, like those on the shape of the Earth, show how scientific understanding evolves. Scientific uncertainty means that not all findings are definitive; multiple perspectives can exist. This skill helps in forming well-supported arguments and understanding complex issues.

Summary

Understanding how to compare and contrast scientific findings from various sources is crucial for developing critical thinking and analytical skills.