

Name _____

Argument Tool

Question

What is the question that you are investigating?

Claim A

What is a claim you could argue?

Claim B

What is a claim you could argue?

The evidence that supports this claim is . . .

The evidence that supports this claim is . . .

Scientific Reasoning: Evaluating the Evidence and Claim

Based on relevant science concepts, critique the quality and strength of the evidence that supports this claim.

Based on relevant science concepts, critique the quality and strength of the evidence that supports this claim.

Argument Tool

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Continued

Constructing a Scientific Argument

Decide which claim you think is best supported by the evidence and scientific reasoning. Using the criteria below and the information in the boxes you have completed, write a scientific argument that includes:

- The scientific question
- Your claim (that is best supported by evidence and reasoning)
- Relevant evidence that supports your claim
- Scientific reasoning that critiques the evidence and evaluates your claim

Scientific Argument

Explain why you did not argue for the other claim.

Rebuttal