

Argument Tool

Question What is the question that you are investigating? What caused changes in the stickleback fish population in Loberg Lake and what caused changes in medium ground finches on Daphne Major?	
Claim A What claim can be supported by the evidence? Drought conditions led to a change in food availability that gave medium ground finches with big beaks a survival and reproductive advantage.	Claim B What claim can be supported by the evidence? Drought conditions caused medium ground finches to increase their beak size in order to adapt to a change in the food supply so they could better survive.
Evidence that supports this claim includes ...	Evidence that supports this claim includes ...

Critique

Critique the quality and strength of the evidence that supports this claim.

Critique

Critique the quality and strength of the evidence that supports this claim.

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Construct a Scientific Argument with a Rebuttal

Decide which claim, A or B, you think is best supported by the evidence and scientific reasoning. Use the criteria listed below, write a scientific argument that includes:

in Part 1,

- the scientific question,
- the claim that best answers the question,
- relevant evidence and reasoning that supports your claim,
- scientific reasoning that critiques the evidence,

and in Part 2,

- a rebuttal that refutes the other claim.

Part 1. Scientific Explanation and Critique of the Evidence

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Part 2. Rebuttal (I did not argue for.....because.....)