

Name _____

Explanation Tool

Question

What is the scientific question you are investigating?

Evidence What are the science observations or data that address your question?	Claim What claim can you make based on the evidence?	Science Concepts What science concepts are connected to the evidence and help explain the claim?

Scientific Reasoning

How do the science concepts relate to the evidence that supports your claim?

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Continued

Construct a Scientific Explanation

Using the information in the boxes you have completed, write a scientific explanation that includes:

- The scientific question
- Your claim
- Relevant evidence that supports your claim
- Science concepts that are connected to the evidence
- Scientific reasoning that links the evidence and science concepts to the claim

Scientific Explanation