# Explanation Tool

## Question

What is the scientific question you are investigating?

## Evidence

What are the science observations or data that address your question?

## Science Concepts

What science concepts are connected to the evidence and might help answer the question?

## Scientific Reasoning

How do the science concepts connect to the evidence and to the question you are trying to answer?

## Claim

What claim can you make based on the evidence and reasoning?
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


