**Explanation Tool**

**Question**
What is the scientific question you are investigating?

<table>
<thead>
<tr>
<th>Evidence</th>
<th>Science Concepts</th>
</tr>
</thead>
<tbody>
<tr>
<td>What are the science observations or data that address your question?</td>
<td>What science concepts are connected to the evidence and might help answer the question?</td>
</tr>
</tbody>
</table>

**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