



## Constructing a Scientific Explanation Claim - Evidence - Reasoning

**Research Question** (What you are trying to find out)

*What is the effect of \_\_\_\_\_ on \_\_\_\_\_?*

**Claim** (What you believe is the answer)

*I think ...*

**Evidence** (Specific data you collected)

*The data show that ...*

*because...*

**Reasoning** (Scientific principles that demonstrate why your **evidence** supports your **claim**)

*I know that ...*

**Scientific explanation** = Claim + Evidence + Reasoning

Write a paragraph that includes all three parts of a scientific explanation.