



# Constructing a Scientific Explanation

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.

