

Name _____

CER Worksheet

Claim - Evidence - Reasoning

A scientific claim is an explanation that is supported by evidence and backed by reasoning.



Phenomenon

Is there a relationship between the length of the floral tube and the visits of the Hawkmoth?

Step 1: Complete the Claim, Evidence, and Reasoning (CER) below, based on your initial observations of graphs on Hawkmoths

Step 2: After participating in class discussion, revisit your CER. Add to or edit your claim, evidence, and reasoning based on newly acquired information. Use a different colored pen or pencil to indicate the changes you have made to your CER.

Make a **CLAIM**. A claim is a statement that explains a phenomenon.

What's your **EVIDENCE**? Evidence for the claim can come from investigations, observations, and research.

What is your **REASONING** for your claim? Reasoning describes *how* the evidence supports the claim and often draws on scientific theories or principles.