

1.8 Writing a CER

Learning Goal

Guiding Question

I can use the I-Squared Statement to form a claim connected to our evidence.

How does the graph & I-Squared Statement we made construct our claim and complete our CER?

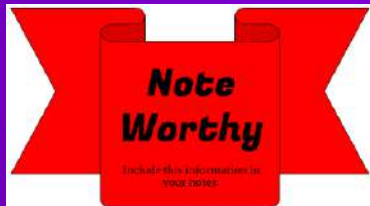


Word of the Day

Claim Evidence Reasoning (CER) - A framework for making explanations in science. A claim is made based on the evidence gained and followed by a logical explanation based on scientific theories and laws.



Notes on Claims



Three Higher Level Questions	Word Of The Day
Three Higher Level Questions	Word Of The Day: Reasoning - A framework for making explanations in science, involving a process that includes gathering and analysis of a variety of data to determine the evidence gathered and reviewed by a logical connection based on known scientific theories and laws. Claim - Something You Learned about your Scientific Question during the experiment. Claim - "Something You Learned about your Scientific Question during the experiment." How is the volume of water affected by the amount of force by the amount of time the target is open? Revised Statement: "I have a straight line with a positive slope. If more water is poured into the container, the more water that is poured, the volume also increases. This is a direct relationship."

Notes on Evidence



11:33 PM Sun Oct 2

CLAIMS AND EVIDENCE

I claim that as the time the faucet is open increases, the volume of water in the tub also increases.

Step 1: Read the Opening Question. What is the question about the IV & DV?

Step 2: Read the Evidence Statement. What is the relationship between the IV & DV?

Step 3: Write with "I claim..." and describe the relationship between IV & DV.

Evidence: The Evidence behind your claim. This section is used to explain your answer to the Opening Question. What is the relationship between the IV & DV?

Evidence Statement: I claim that as time increases, the volume of water in the tub also increases. This is a direct relationship.

I see a straight line with a positive slope. It means that as time increases, the volume also increases. This is a direct relationship.

Answer the Opening Question

Answer the Opening Question

Notes on Reasoning

