

CLAIM-EVIDENCE-REASONING

You have collected data, made graphs, and observed patterns. Now, explain why your results support Newton's Second Law using the C-E-R framework.

Step 1: Claim

Write a statement that answers the following question: What does your experiment show about the relationship between force, mass, and acceleration?

Claim:

Step 2: Evidence

Use specific numbers or trends from your data or graphs to support your claim.

Evidence:

Step 3: Reasoning

Explain why your evidence supports your claim. Connect your explanation to Newton's Second Law: $F=ma$.

Reasoning: