



Super Showdown!

Intro video to scientific arguing: CER- <https://www.youtube.com/watch?v=JGOxVlgmGWE>

Practice Scientific reasoning and arguments with wacky characters and contests

1. ALL students at the table choose **one green card**.
2. ALL students then pick **one blue card (twist)**.

Once everyone has their secret characters- don't show anyone! Then **one orange CONTEST card is drawn**. THAT IS THE CONTEST YOU WILL ARGUE YOUR CHARACTER CAN WIN USING THE CER FORMAT!

**The Challenge: Students, you must act as "Outcome Analysts." Instead of just arguing to win, you are modeling a prediction based on the variables provided by your cards.**

- **The Claim: A definitive statement of the outcome (Who wins the contest).**
- **The Evidence: The specific "Physical Properties" (Green Card) and "Environmental Variables" (Blue Card) available.**
- **The Reasoning: The logical or scientific rule that connects those specific properties to the contest's success (The "Why" and "How").**

Once everyone has completed writing their arguments, 2 people will rock paper scissors for who goes first (best out of 1) and those two students will take turns explaining their CER for their character. The other people at the table will then vote on who had the best CER. If it is a tie then the students who were explaining have to come up with one more reason on the spot as to why their character would win. The judges will then have to choose only 1 winner after discussing with each other.

Then the roles will switch.

# Student CER Worksheet Template

Name: \_\_\_\_\_ Contest: \_\_\_\_\_

## 1. The Data Set

- **Subject (Character):** \_\_\_\_\_
- **Variable (Twist):** \_\_\_\_\_

## 2. The Argument Construction

Component	Student Input	Guiding Question
<b>CLAIM</b>		Who is the winner of this specific contest?
<b>EVIDENCE</b>	1.  2.  3.	What specific traits or powers from your cards support your claim?
<b>REASONING</b>		<b>How</b> does your evidence lead to a win? (e.g., "Since the contest is a race and my character has a jetpack, the law of acceleration proves...")

## 3. The Rebuttal (If needed bonus points for tie breaker)

- **The Counter-Claim:** One reason my opponent's reasoning is flawed:

\_\_\_\_\_

# Super Showdown: Peer Review Judge's Card

Judge Name: \_\_\_\_\_

Contestants: [Student A] \_\_\_\_\_ vs. [Student B] \_\_\_\_\_

**Instructions:** Listen to each "Outcome Analyst" present their case. Award points based on how well they followed the CER framework.

Criteria	Points	Student A	Student B
<b>Claim:</b> Did they state clearly who wins the contest?	1		
<b>Evidence:</b> Did they use specific traits from both cards?	2		
<b>Reasoning:</b> Did they explain <i>how</i> those traits lead to a win?	3		
<b>Total Score</b>	6		

**Bonus tie breaker score of 1 for rebuttal (if necessary)** \_\_\_\_\_

**The Winner:** \_\_\_\_\_

**Judge's Reasoning:** "I chose the winner because their **reasoning** specifically explained..."

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