

Bellringer/Warm Up

In exactly THREE sentences, tell me who the greatest athlete/musician/actor/actress/YouTuber/gamer (you get the idea) of all time is and why.

The background features a cluster of overlapping circles in various colors including red, orange, yellow, green, blue, and grey. Each circle contains a white question mark. The circles vary in size and opacity, creating a layered, abstract effect.

CLAIM, EVIDENCE, REASONING

Claim: A statement of a student's understanding about a phenomenon or about the results of an investigation.

- A one-sentence answer to the question you investigated.
- It answers: what can you conclude?
- It should not start with yes or no.
- It should describe the relationship between dependent and independent variables.

Evidence: Scientific data used to support the claim.

Evidence must be:

- Sufficient—Use enough evidence to support the claim.
- Appropriate—Use data that support your claim.
Leave out information that doesn't support the claim.
- Qualitative (observations), quantitative (numbers), or a combination of both.

Reasoning: Ties together the claim and the evidence

- Shows how or why the data count as evidence to support the claim.
- Provides the justification for why this evidence is important to this claim.
- Includes one or more scientific principles that are important to the claim and evidence.
- Answers WHY the evidence supports the claim.

Let's Watch And Practice:



As you watch the video, jot down or make notes of the following things:

- ❖ What **CLAIM** does the little girl make?
- ❖ What **EVIDENCE** does the little girl use to **support** her claim?

❖ What **CLAIM** does the little girl make?

❖ What **EVIDENCE** does the little girl use to **support** her claim?

CLAIM:	
Evidence 1	
Evidence 2	
Evidence 3	
Evidence 4	
Evidence 5	

2. Connecting the evidence:

	Reasoning why does the little girl think that this supports her claim that her dad is _____
Evidence 1	
Evidence 2	
Evidence 3	
Evidence 4	
Evidence 5	

THINK ABOUT IT...



3. What are the flaws in the girl's reasoning?

4. What are some reasons that could explain why someone would make an incorrect claim?

LET'S TRY ANOTHER one.

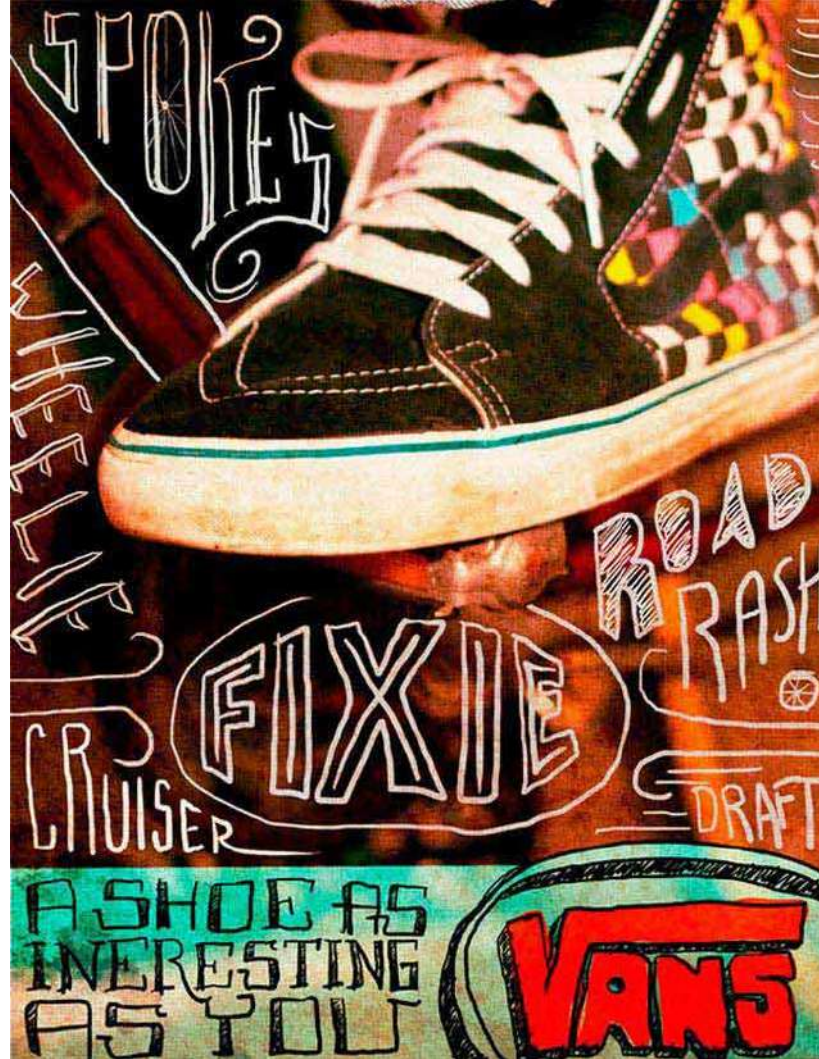
WHO BURNED DOWN CHERYL'S SHE-SHED?

Another example:

CLAIM:			
Evidence 1		Reasoning 1	
Evidence 2		Reasoning 2	
Evidence 3		Reasoning 3	

This year (2019-2020) I used a second graphic organizer shared by another teacher for this example instead of the organizer on this slide.

Following are magazine ads that I have also used to have groups of students identify the company's claim, evidence from the ad, and their explanation "Why?" that supports the claim. I think the videos go slightly better. Another activity I have used in the past is, "Who Killed Mr. PHEOC?" which can be found by a quick Internet search.





New from
SKECHERS
Fitness Group

Shape-Ups

Shape up while you walk.
Designed to **tone** muscles,
promote **weight loss** and
improve **posture**.

See what people are saying.

"I am on my feet nine to ten hours daily and my body doesn't ache at the end of the day."

Jazzy, Wisconsin

"I've had my Shape-Ups about a month and I already feel a difference in the way my jeans fit!"

Lisa, Missouri

"I recommend these shoes to anyone who wants to tighten up their legs and butt."

Leah, North Carolina

visit Skechers.com

also available
at select

Famous
Footwear

20% - 30% OF



GLOBALLY ARE IN HIGH



OF



TIME IS SHORT.



SERIOUSLY GOOD

seriouslygood.co.nz

SMILE WITH
STRENGTH™

STRENGTHENS
WEAKENED ENAMEL
4X BETTER
BY REPLENISHING IT
WITH VITAL MINERALS*

Colgate

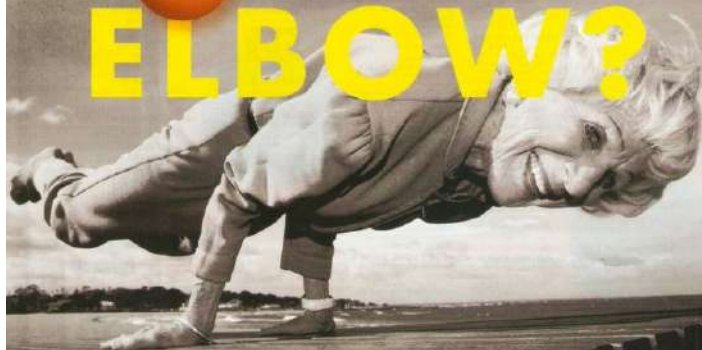
#1 BRAND RECOMMENDED
MOST OFTEN BY
DENTAL PROFESSIONALS

NEW



*vs. ordinary fluoride toothpaste after 3 applications in an in situ study
© 2016 Colgate-Palmolive Company

WHAT BAD ELBOW?



Advil MAKES PAIN A DISTANT MEMORY.

Use as directed.

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make incredible meals.*



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Get \$30 off your first delivery at blueapron.com/cooking

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REAL CHEESE PEOPLE™
KNOW WHICH SNACK
LEADS THE
PROTEIN PACK.



2g
Hummus



6g
Eggs*



6g
Almonds



7g
Butter



8g
Sargento
String Cheese

Sargento® String Cheese!

With 8 grams of protein per serving,
it beats the competition to keep you
fueled and satisfied. A formidable ruler
of snack time indeed.

See nutrition information for fat and saturated fat content.



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REAL CHEESE
PEOPLE™


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—  —
You're a better you all day



Use only as directed.

TYLENOL® PM relieves pain while helping you fall fast asleep and stay asleep.

TYLENOL®
For what matters most™