

CYBER SANDWICH:

An Edu-Protocol

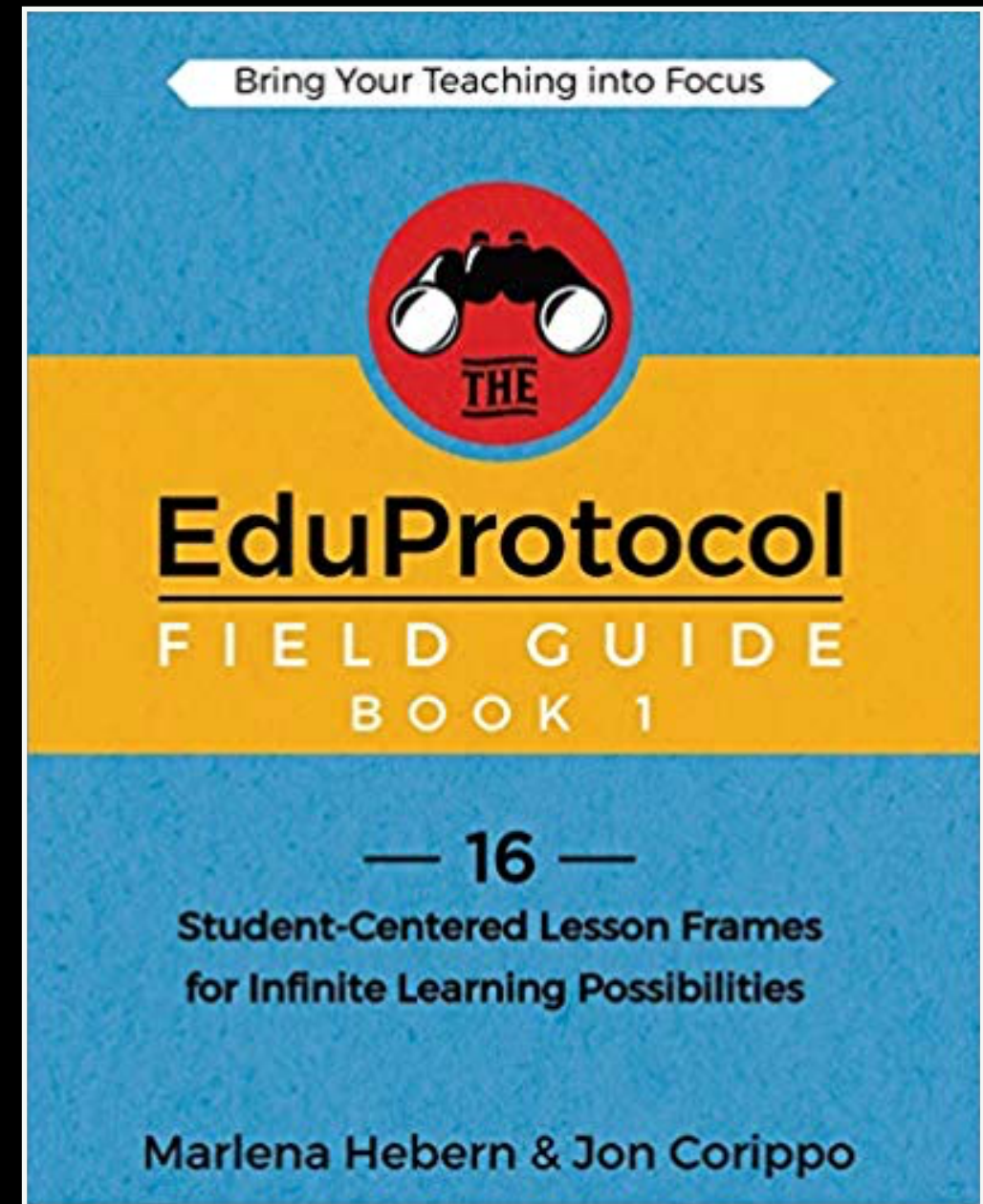
This protocol asks students to:

- Read or Research (or both)
- Share explanations
- Compare and contrast cooperatively
- Write a summary individually

Students compare and contrast two topics, OR compare two explanations of the same concept.

WHAT IS AN 'EDU-PROTOCOL'?

They are lesson frames that you teach to your students, and then you can use them multiple times over the course of a year, but with different content each time.



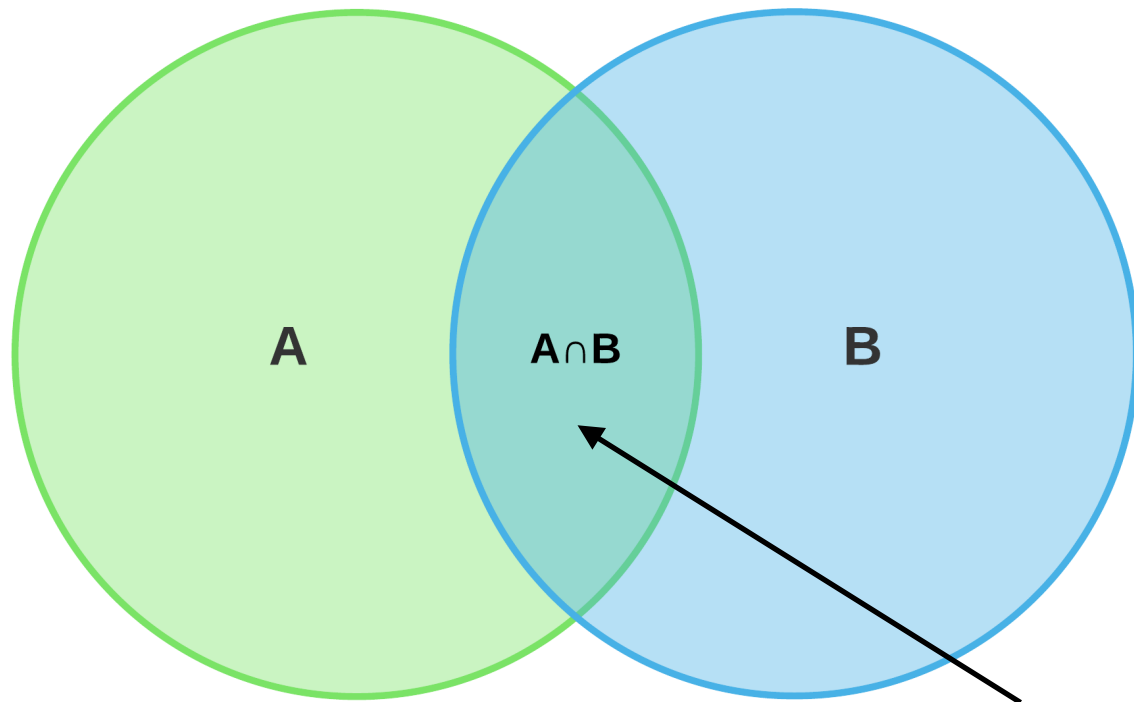
VISIBLE LEARNING: High Impact Approaches at Each Phase of Learning

Jigsaw method (1.2)		
Teacher credibility (0.9), Teacher clarity (0.75), Feedback (<i>before</i> summative assessment, when it can be used to improve the work; 0.7), Teacher expectations (0.4)		
SURFACE	DEEP	TRANSFER
Integrating prior knowledge (0.93)	Organizing and transforming notes (0.85)	Identifying similarities and differences (1.32)
Process skill: Summarization (0.79)	Class discussion (0.82)	Transforming conceptual knowledge (0.85)
Mnemonics (0.76)	Reciprocal teaching (0.74)	Organizing conceptual knowledge (0.85)
Leveraging prior knowledge (0.65)	Concept mapping (0.64)	Formal discussions (0.82)
Vocabulary programs (0.62)	Spaced vs. massed practice (0.6)	Problem-solving teaching (0.68)
Direct instruction (0.6)	Self-questioning (0.55); Metacognitive strategy	Synthesizing information

This book is available for checkout from our Professional Learning Library

Compare & Contrast Organizers

VENN DIAGRAM



Similarities

A Y-shaped organizer form. The top part is a trapezoid divided into two columns. The left column has a small box labeled 'Within each box,' followed by several horizontal lines. The right column has a small box labeled 'Topic:' followed by several horizontal lines. Below the trapezoid is a rectangular box with a dashed line at the top. Inside this box is a small box labeled 'Similarities:' followed by several horizontal lines. An arrow points from the 'Similarities' section of the Y-organizer towards the 'Similarities' label.

Y ORGANIZER

TOP HAT ORGANIZER

A 'Top Hat Organizer' form. At the top is a line for 'Name'. Below that is the title 'Comparing & Contrasting - Top Hat Organizer'. The form is divided into three main sections: two vertical columns on top and one wide horizontal box at the bottom. The left column is labeled 'Text 1 (Title)' and the right column is labeled 'Text 2 (Title)'. The bottom box is labeled 'Both'. An arrow points from the 'Both' section towards the 'Similarities' label.

U.S. HOUSE & SENATE

Compare and contrast the powers of each chamber



PARTNER 1



PARTNER 2

We just watched a video overview of Congress and the Legislative Branch.

Now read the provided links to learn more about the specifics of each chamber of Congress.

Be sure to note specifics about your assigned chamber, including its unique powers, functions or procedures.

1. **Read:** Look for specific powers, functions & procedures of each chamber of Congress.
2. **Share:** Explain to your partner what you learned.
3. **Compare:** Work together to complete the Venn diagram
4. **Pair Compare:** Pair up with another pair and compare & contrast your Venn diagrams
5. **Summarize:** Write your own paragraph explaining the U.S. House of Representatives and Senate: similarities & differences.

EXAMPLE:
COMPARE 2 CHAMBERS OF CONGRESS

CONFIRMATION BIAS:

What it is, how it works & strategies to counter it

EXAMPLE:
COMPARE 2 DIFFERENT SOURCES ON SAME TOPIC

THEORIES > COGNITIVE PSYCHOLOGY

How Confirmation Bias Works

We interpret facts to confirm our beliefs

By Kendra Cherry

Updated September 08, 2019



Approved by Wellness Board

expert Amy Morin, LCSW

PERSON ON THE LEFT READS THIS

Where do your beliefs and opinions come from? If you're like most people, you honestly believe that your convictions are rational, logical, and impartial, based on the result of years of experience and objective analysis of the information you have available. In reality, all of us are susceptible to a tricky problem known as confirmation bias, which leads us to often believe...

Psychology Today

Find a Therapist

Get Help

Magazine

Today

Find a Therapist (City or Zip)



Shahram Heshmat Ph.D.
Science of Choice



What Is Confirmation Bias?

People are prone to believe what they want to believe.

Posted Apr 23, 2015

SHARE

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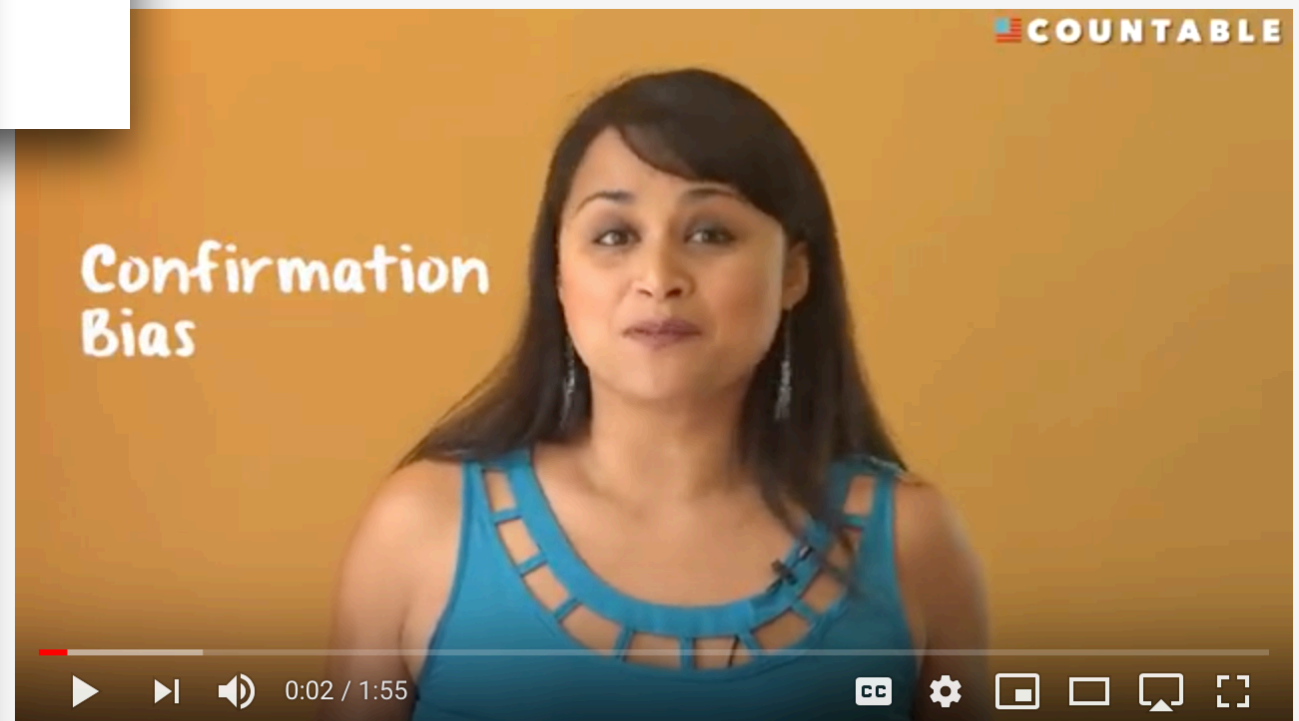
MORE

Imagine that you have tried to reach a friend with whom you have an ambivalent relationship by phone or email, leaving messages, yet receiving no call in return. In a situation like this, it is easy to jump to conclusions in an intuitive manner that your friend wants to avoid you. The danger, of course, is that you leave this belief unchecked and start to act as though it were true.

Confirmation bias occurs from the direct influence of desire on beliefs. When people would like a certain idea or concept to be true, they end up...

PERSON ON THE RIGHT READS THIS

- Read:** Note possible definitions & examples.
- Share:** Share the definition & examples from your article.
- Compare:** Complete the Venn diagram of the 2 explanations.
- Summarize:** Write your own paragraph explaining confirmation bias.



5 Ways to Beat Confirmation Bias