Let's Take the Fight to Information Pollution!

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Latest National Literacy Project Post: 10/18/22

• Americans <u>share widespread concerns</u> about the spread of misinformation, with 91% of adults saying it's a problem, according to a <u>new poll</u>. Across the political spectrum, Democrats (80%) and Republicans (70%) also agree that misinformation increases political extremism. **Resources:**

- <u>"Misinformation"</u> (NLP's Checkology® virtual classroom).
- Infographic: <u>"Is it legit? Five steps for vetting a news source" (NLP's</u> Resource Library).
- "Fact-check it!" (NLP's Resource Library).

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We see the stakes for students, learning, and democracy itself, so why don't we do anything about it?

Because we have so much else to do

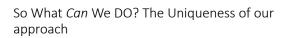
And

Because it might feel unsafe to directly address information pollution, which is often politically charged









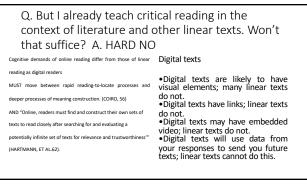
Self-Studying

The answer is instruction. All solutions to all problems require instruction!

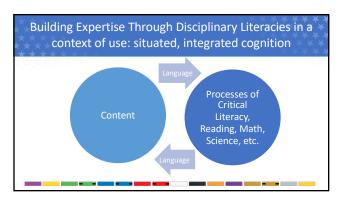
Including 1) instruction to support **self-study** into our own minds, biases, and susceptibilities

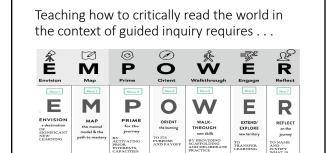
2) Integrate instruction to develop student's general capacity for *noticing* and *controlling* information pollution in the context of our disciplinary work.

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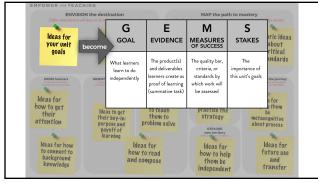


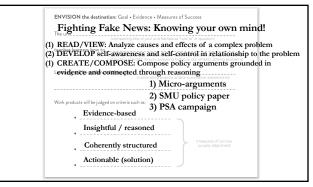




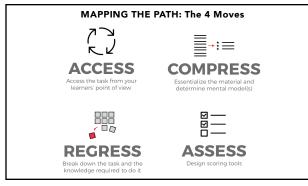


CULTURAL FUNDS OF

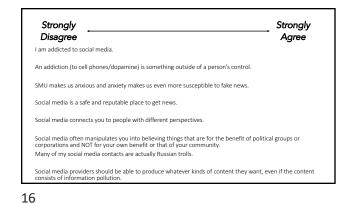




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In this activity, we are generating data that

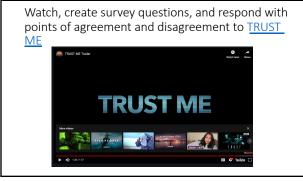
can be modeled and analyzed

"YOUR OPINION COUNTS" if

supported by evidence and reasoning

- \bullet WHAT MAKES YOU SAY THAT? What evidence do you have from the data?
- SO WHAT? What conclusions can we draw about our class?





Essential Question: What are the causes and consequences of social media use? What could/should you personally, this school (and society) do about social media use?

teacher-designed outcome translated

into student-facing task

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EVIDENCE

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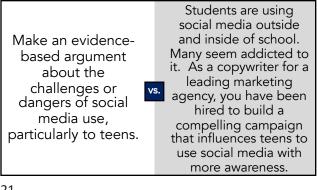
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teacher

designed outcome

student

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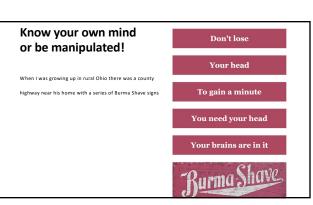


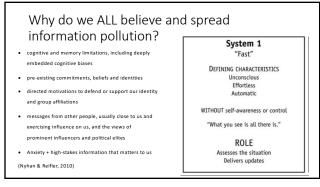
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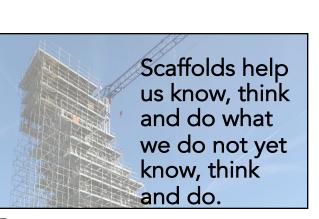
Walkthrough: MILESTONES ON THE PATH TO MASTERY

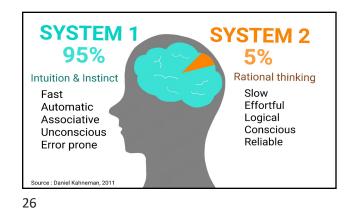
And so on, leading up to... The DESTINATION Create (1) a compelling responsible use of SMU PSA campaign for your school, and (2) a well-sourced and cited position paper sharing the reasoning and evidence behind the campaign.







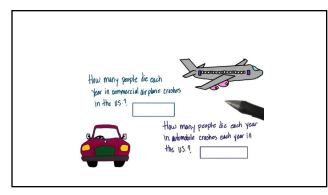


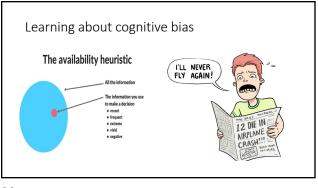


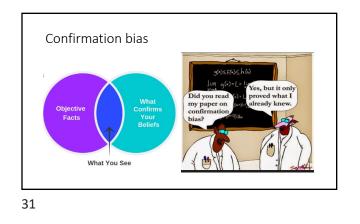
What if? An exercise in social imagination

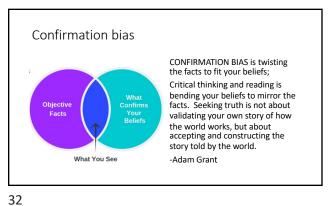
- You lived in the 19th Century?
- Were another race?
- From a different country
- Had grown up impoverished?
- Had grown up without access to school?
- Had a loved one denied lifenecessary medical care?



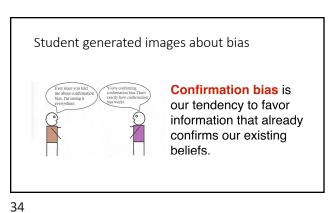


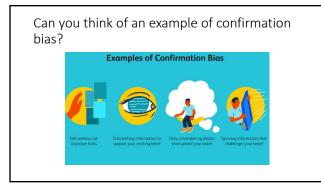


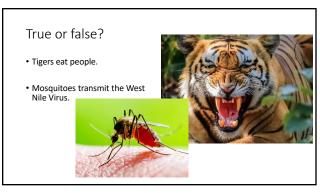


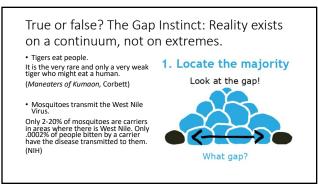


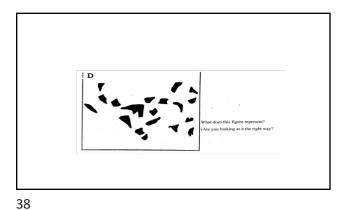
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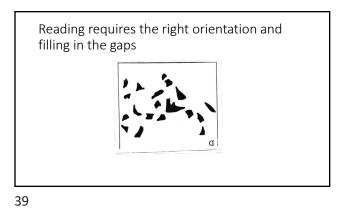


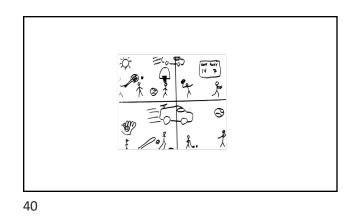


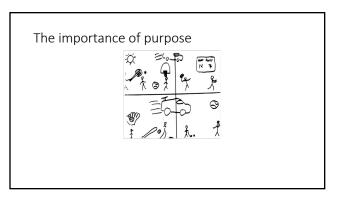


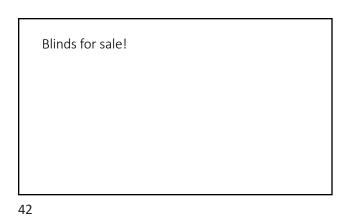












Blinds for Sale!

Goose hunting season opens soon!

Schema activation and the need to reframe . . .

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She ran quickly towards the rising sun

• Knowing that fresh oats would be in the barn!

The importance of reframing and revisualizing

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WE ARE ALL SUSCEPTIBLE; We all have limited perspectives and experiences

She ran quickly towards the rising sun

"Am I truly seeking the truth right now or am I just trying to justify something preexisting within myself or from my own limited perspective?"



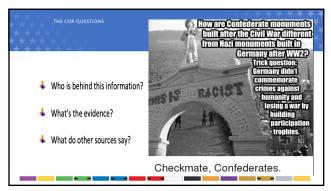
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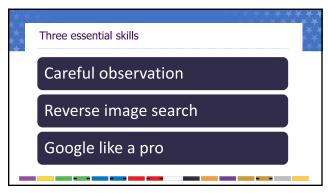
Practice makes Perfect . . . NOT- Practice makes PERMANENT

So, you better be darn careful what you practice and how you practice . . .

We must deliberately practice in ways that lead us towards expertise, that use the mental models of experts, that move us down the correspondence concept continuum.



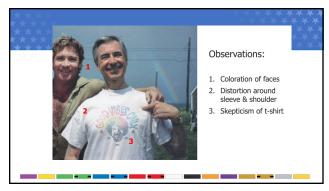


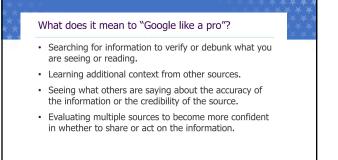




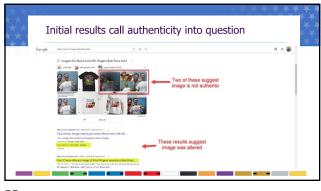






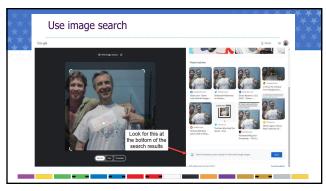




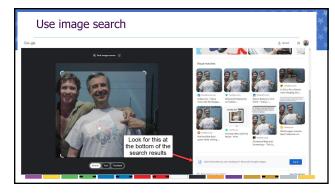




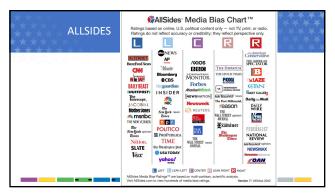




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Guided inquiry looks at all perspectives and interrogates our own biases and affiliations ONE BIG SOLUTION: "Truth was ONE PROBLEM: "When we must decide between believing the facts or belonging, belonging always wins."

-Zeynep Tufecki



never bested by a bad argument, unless all the arguments were not made." -John Milton





What cognitive biases are at play? Lots of them 1. Locate the majority Confirmation bias Bandwagon Look at the gap! Tribal affiliation bias Availability bias Binary bias Gap instinct What gap?

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4 Who is behind this information? 4 What's the evidence?

4 Is the evidence from authoritative sources?

Is the evidence repeated across sources? (employ lateral

relevant? i.e. on point for our current

-

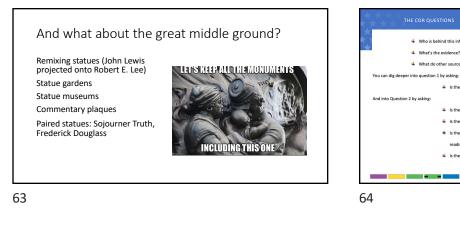
Is the evidence credible and safe? 4 Is the evidence from an authoritative source?

reading!) 4 Is the evidence

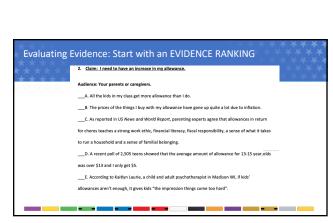
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4 What do other sources say?

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Twitter feed

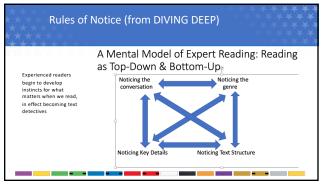


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• What is the source?

• Is this source reliable?





And another one applied by readers in response to textual moves: Rules of the Reader's Response what gives us an emotional charge, makes us

question, intense agreement, etc.



SAFETY OF EVIDENCE/ACCEPTABILITY AND VERIFIABILITY

X Is Safe, can be agreed upo

BECAUSE: Dr. Volkow is cite expert and confirm her view

AUTHORITY OF SOURCE/s

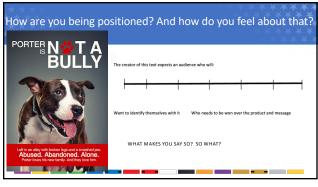
REPLICABILITY OF EVIDENCE х

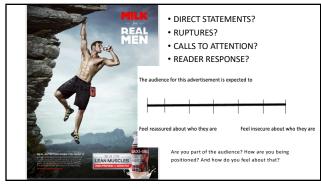
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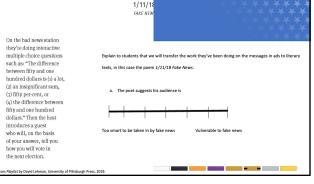
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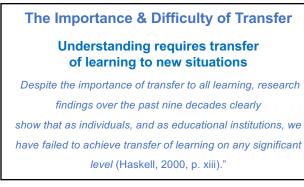












Transfer must be the goal of all teaching! And it only occurs (Haskell, 2000) through 3D teaching and learning

- If students have command of the knowledge that is to be transferred; (lots
 of deliberate practice and conscious competence- mental model and map)
 KNOWING
- 2. If students get plenty of practice in applying meaning-making and problemsolving principles to new situations (deliberate practice) DOING
- 3. If students have a theoretical understanding of the principles to be transferred; (conscious competence) KNOWING WHY and HOW
- 4. If a classroom culture cultivates a spirit of transfer that encourages students to bring knowledge forward to new situations and shows them the benefits of doing so; (deliverables and culminating projects -working always towards immediate applications!) THINKING, ENGAGING, BEING ... TRANSFORMATIONS OF UNDERSTANDING, SYSTEMS, BEHAVIOR ...

TRANSFER requires mastery of Threshold Knowledge which is 3D/4D and is Made Up of
The threshold concept of (knowing)
Which allows the learner to engage in the problem-solving or meaning-making processes of ... (doing)
And to consider, justify, discuss, reflect, extend, and rehearse for transfer by (thinking)

Which leads to deep engagement and understanding that takes one through a gateway to transfer of newtransformed ways of knowing, doing, thinking and being (engaging - understanding bained)

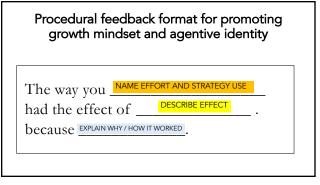
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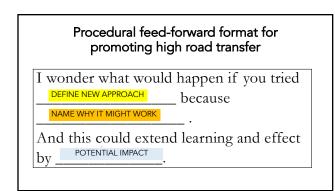
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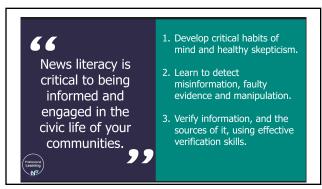


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How can you structure in ongoing daily reflections about news literacy? End of unit reflections? CONSCIOUS COMPETENCE, PEOPLE!





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