Creatively Engaging Online Students: Models and Activities



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College technology 'catching up' with students By Kathleen Gray and Robin Erb, USA TODAY, October 6, 2009



Senior Emily Smak, 20, tries out the treadmill workstation in one of the study lounges in the new Education and Human Services Building at Central Microsity. There is a new IMac computer attached to it so students can get a little exercise while doing homework or other things on the computer.

College technology 'catching up' with students By Kathleen Gray and Robin Erb, USA TODAY, October 6, 2009

- · At Case Western Reserve University in Cleveland, a select group of freshmen received Kindles, an online book reader, instead of the textbooks.
 - Mike Kenney, a chemistry professor at Case Western, says he has about 350 pounds' worth of books in his Kindle
- And at Central Michigan University in Mt. Pleasant, a new \$50 million education building has 75 miles of Internet networking cable and 11 miles of phone cable, allowing out-of-town students to link with the classroom.

College technology 'catching up' with students By Kathleen Gray and Robin Erb, USA TODAY, October 6, 2009

- At Abilene Christian (University)...about 2,800 students and 70% of the 250 professors use the Apple technology for instructional purposes.
 - Art students use app to draft sketch and send it to the teacher and other students for advice before starting the real art pieces.
 - A drama teacher takes video of the lead dancer in a production and sends that along to other students for







Teaching Under Fire and Online From 'Mortaritaville' in Iraq. October 5, 2009, Chronicle of Higher Ed



Cheryl Wachenheim, an associate profe ssor at North Dakota State U., was deployed to Iraq but decided to keep teaching her

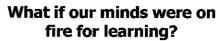
"It was especially easy to teach about shortages and surpluses," she says. "When we heard that the base had Diet Mountain Dew, I can't even explain how exciting that was, and I could explain firsthand just what a shortage can do.

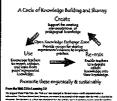
Poll #1: Bonk's Web Addiction Questionnaire (check all that apply)

- 1. Own 2 or more cell phones with Internet access.
- 2. Own 2 or more laptop computers with wireless connections.
- Check email in the morning, noon, and at night.
- 4. Suffer from nervous tension when you cannot get on email.
- Are checking email, updating your Facebook account, or text messaging right now.











MINDS ON FIRE: OPEN EDUCATION, THE LONG TAIL, AND LEARNING 2.0. JOHN SEELY BROWN AND RICHARD ADLER, EDUCAUSE REVIEW, JANUARY-FEBRUARY, 2008.

http://connect.educause.edu/Library/EDUCAUSE+Review/MindsonFire OpenEducationt/45823

Active Learning Principles

- 1. Authentic/Raw Data
- 2. Student Autonomy/Inquiry
- 3. Relevant/Meaningful/Interests
- 4. Link to Prior Knowledge
- 5. Choice and Challenge
- 6. Teacher as Facilitator and Co-Learner
- 7. Social Interaction and Dialogue
- 8. Problem-Based & Student Gen Learning
- 9. Multiple Viewpoints/Perspectives
- 10. Collab, Negotiation, & Reflection

Ok, Million Dollar Question: How do you motivate online learners? What words come to mind? (put ideas in chat window)









Poll #2: Which of these is the most important for motivating students? (Pick just one)

- 1. Supportive, appropriate challenge, meaningful.
- 2. Teach goal setting and self-reinforcement.
- 3. Offer rewards for good/improved performance.
- 4. Novelty, variety, choice.
- 5. Game-like, fun, fantasy, curiosity, suspense.
- 6. Divergence, dissonance, peer interaction.
- 7. Allow to create finished products.
- 8. Provide immediate feedback.
- 9. Show intensity, enthusiasm, interest.
- 10. Make content personal, concrete, familiar.



Intrinsic Motivation

"...innate propensity to engage one's interests and exercise one's capabilities, and, in doing so, to seek out and master optimal challenges

(i.e., it emerges from needs, inner strivings, and personal curiosity for growth)

See: Deci, E. L., & Ryan, R. M. (1985). Intrinsic motivation and self-determination in human behavior. NY: Plenum Press.

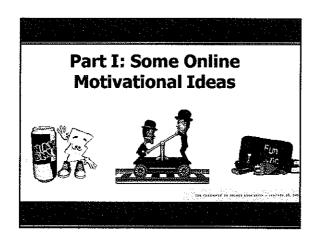


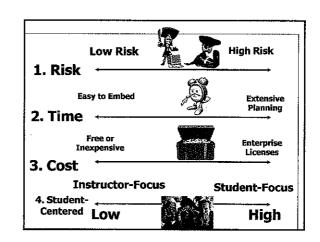
I even reflected on this for a moment...



TEC-VARIETY Model for Online Motivation and Retention

- 1. Tone/Climate: Psych Safety, Comfort, Belonging
- 2. Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- 4. Variety: Novelty, Intrigue, Unknowns
- 5. Autonomy: Choice: Flexibility, Opportunities
- 6. Relevance: Meaningful, Authentic, Interesting
- 7. Interactive: Collaborative, Team-Based,
- 8. Engagement: Effort, Involvement, Excitement
- 9. Tension: Challenge, Dissonance, Controversy
- 10. Yields Products: Goal Driven, Products, Success, Ownership





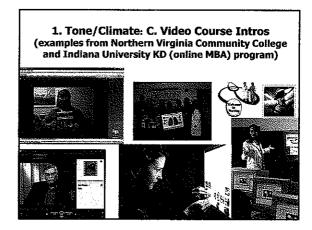
1. Tone/Climate: Social Ice Breakers

A. Public Commitments: **Have students share** how they will fit the coursework into their busy schedules

B. Favorite Websites

- 1. Everyone posts 1-2 of their favorite Websites and explain why.
- 2. Peers comment on or rate them.

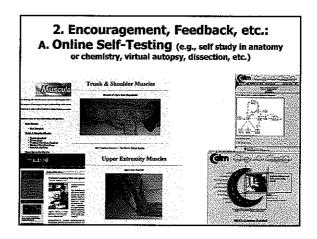


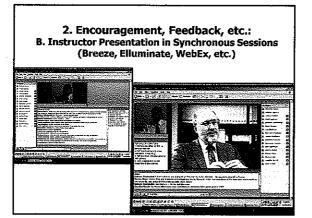


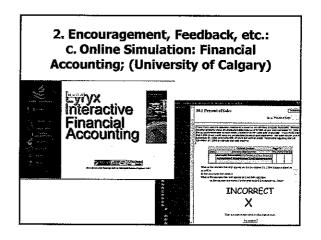
Poll #3: If students were face-to-face briefly, which of these would you use (check all that apply)

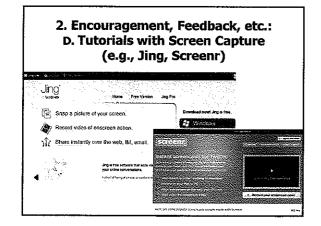
- 1. Assign Web buddies or critical friends.
- 2. Do ice breakers (e.g., paired introductions).
- 3. Solve cases in team competitions.
- 4. Test course technology in a computer lab.
- Assign teams and exchange information using text messaging.
- 6. Conduct a library scavenger hunt.
- 7. Do a podcast documenting the meeting.
- 8. Have everyone start a blog.
- Have everyone open an e-portfolio.
- 10. Brainstorm how might use technology in program.

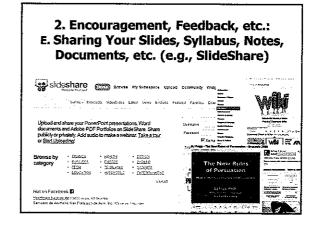


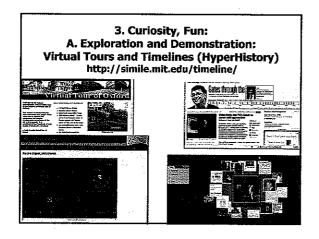


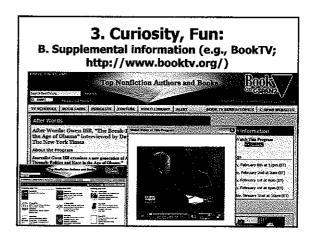




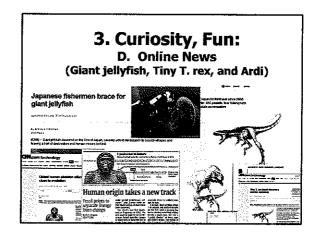


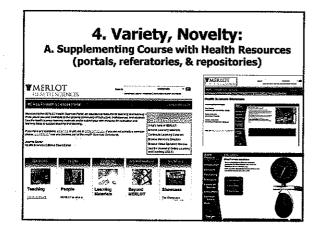


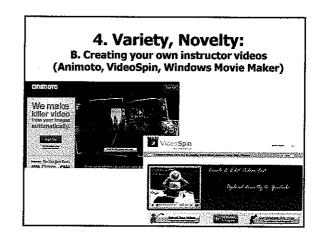


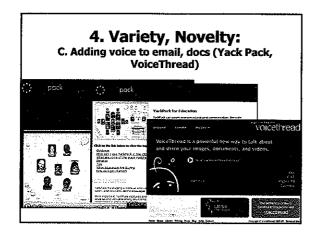


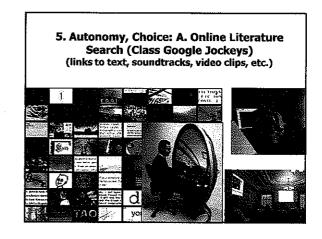


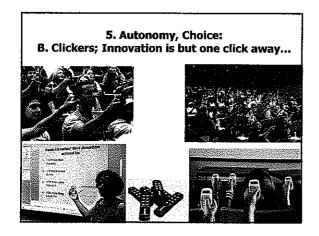


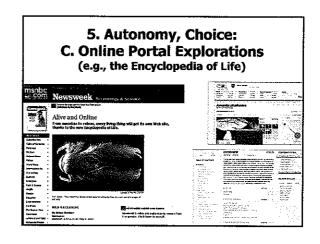


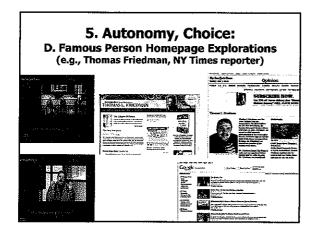


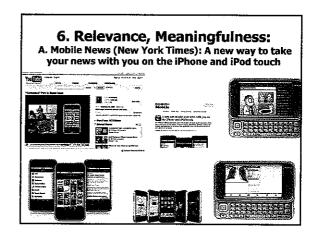


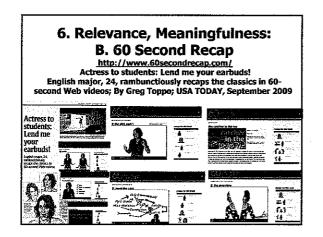


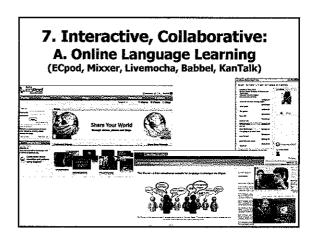


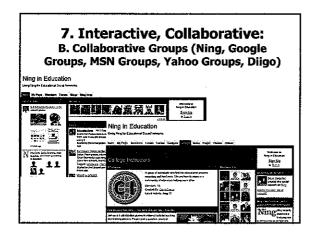


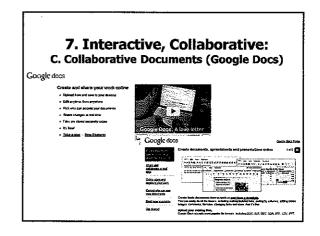


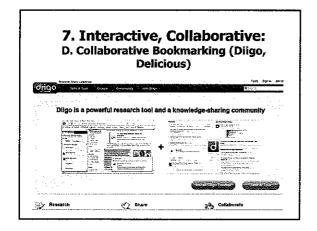


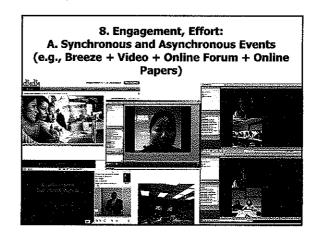


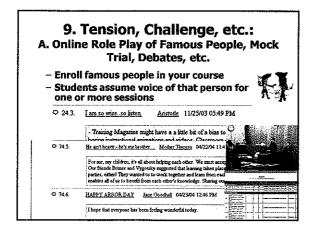


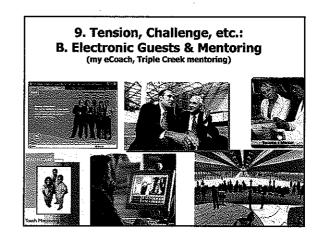


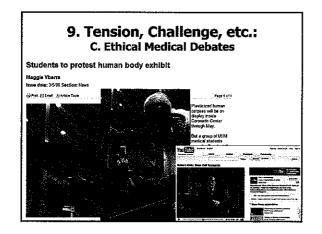




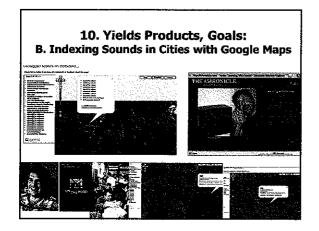












Poll #4: How many ideas did you get so far?

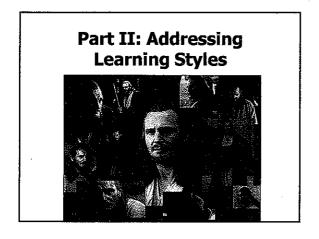
- 1. 0 if I am lucky.
- 2. Just 1.
- 3. 2, yes, 2...just 2!
- 4. Do I hear 3? 3!!!!
- 5. 4-5.
- 6. 5-10.
- 7. More than 10.

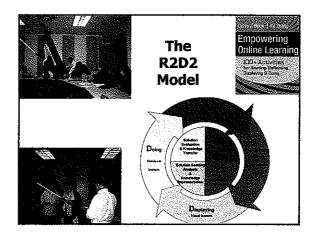


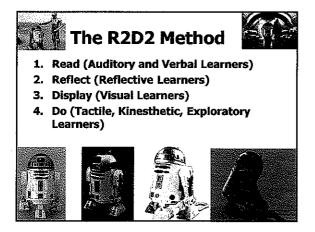


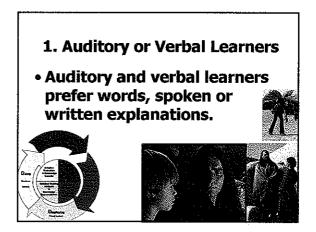


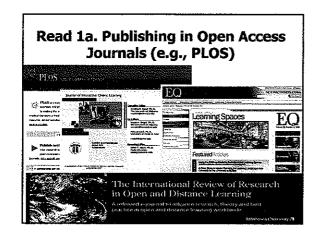


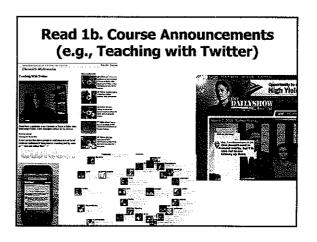


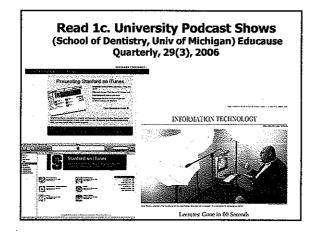












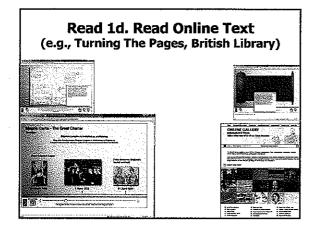
Poll #5: Podcast Questions

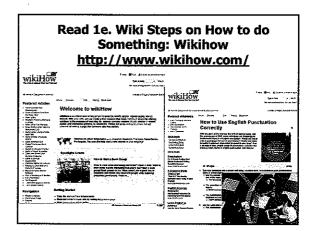
- 1. Have you listened to a podcast?
- 2. Do you listen to a certain podcast on a regular basis?
- 3. Have you created a podcast?
- 4. Have you created a vodcast?
- 5. Do you think podcasting is simply more talking heads?











2. Reflective and Observational Learners

 Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives





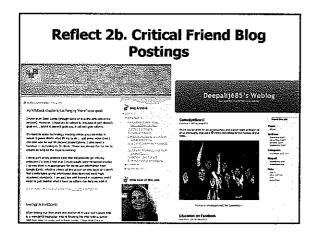


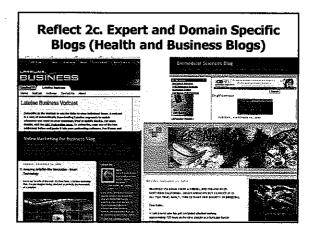


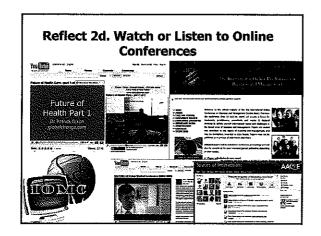


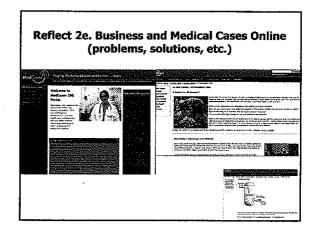
Reflect 2a. Blogs Uses

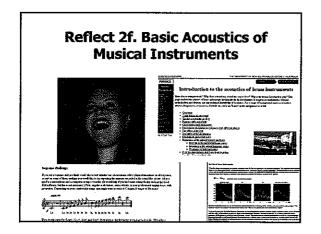
- 1. Instructor or Tutor blog: resources, information, space to chat
- 2. Learner blog: reflections, sharing links and pics, fosters ownership of learning
- Partner blog: work on team projects or activities
 Class blog: international exchanges, projects, PBL
- 5. Revision: review and explode sentences from previous posts, add details
- Nutshell: sumarize themes or comments across blogs
- 7. Blog on blog: reflections on feelings, confusions, and experiences with blogs

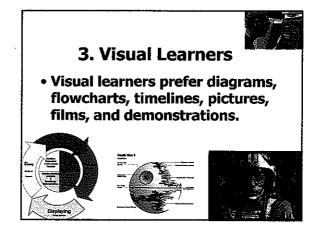


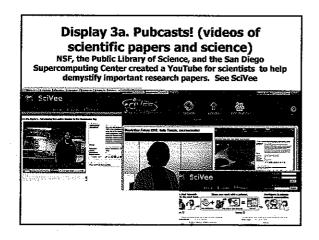


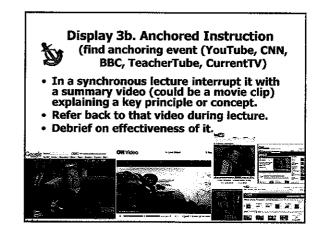


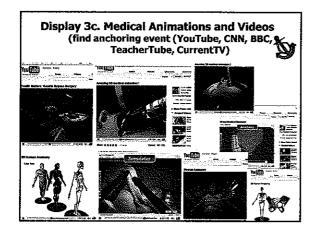


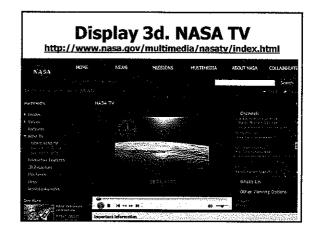


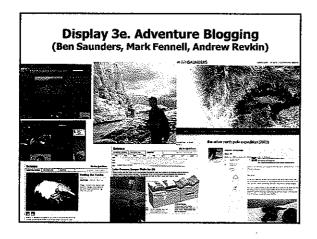


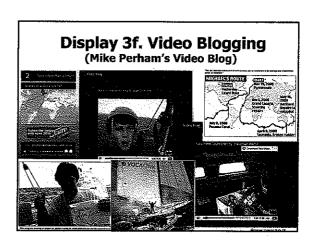


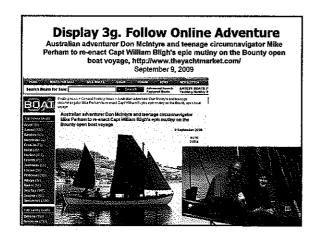


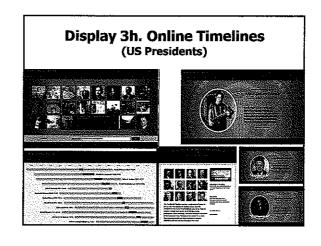


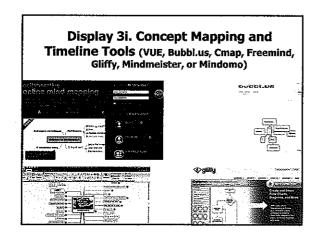


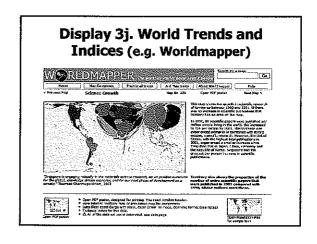


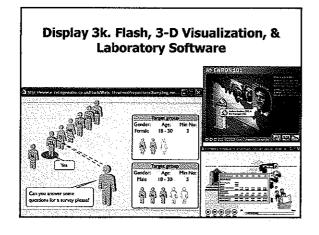


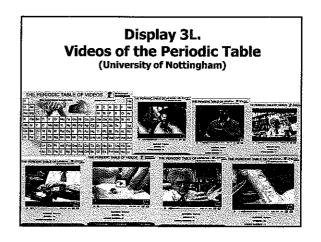


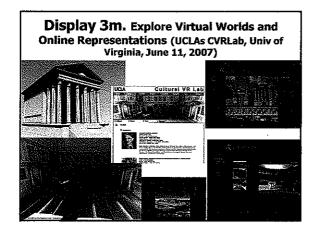


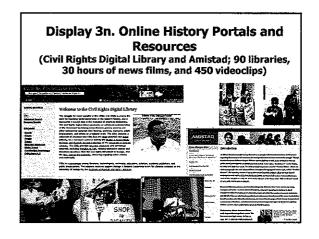


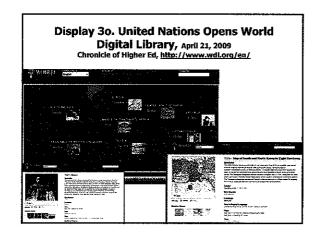


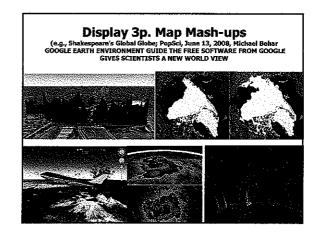


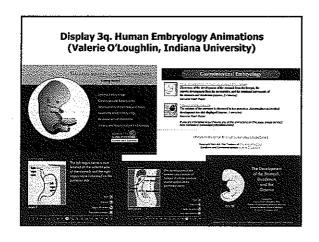


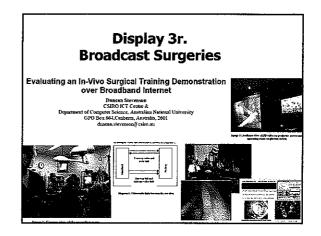


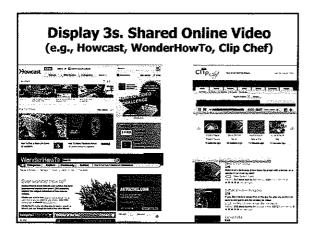


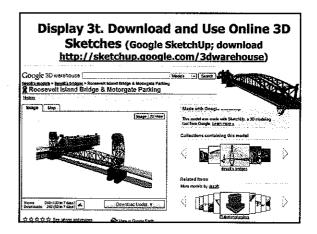












4. Tactile/Kinesthetic Learners

 Tactile/kinesthetic senses can be engaged in the learning process are role play, dramatization, cooperative games, simulations, creative movement and dance, multi-sensory activities, manipulatives and hands-on projects.





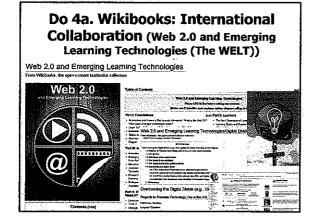


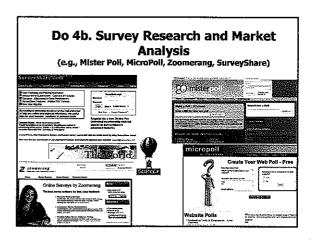
Poll #6: Wiki Questions (check all that apply)

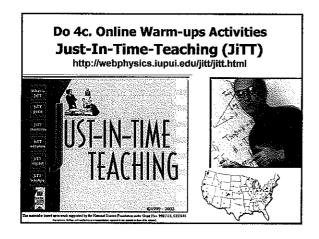
- 1. I regularly read Wikipedia articles just for fun.
- 2. I have read one or more Wikibooks.
- 3. I seek out Wikipedia for content.
- 4. I have edited or written new articles on Wikipedia or Wikibooks.
- 5. I think it is ok for college students to cite from Wikipedia.

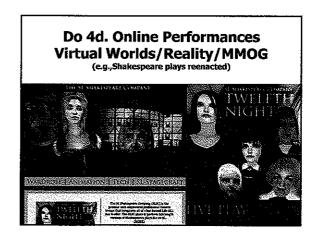


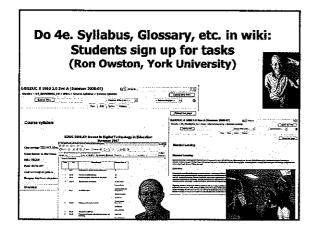


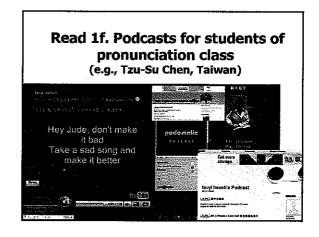


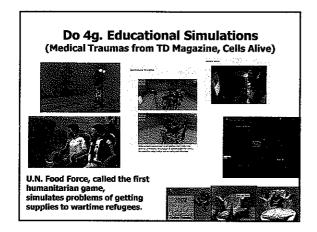


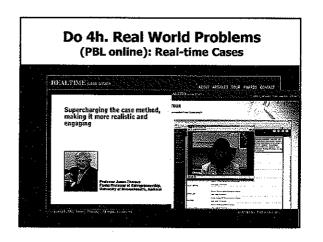


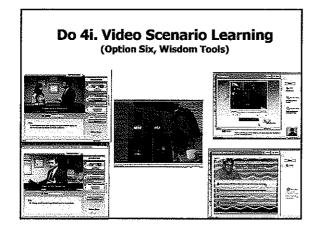


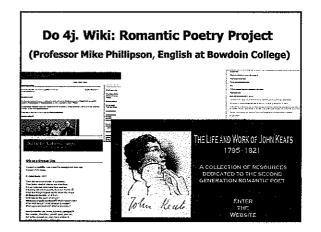












Poil #7: How many ideas did you get from the second part of this talk?

- a. None-you are an idiot.
- b. 1 (and it is a lonely #).
- c. 2 (it can be as bad as one).
- d. 3-5
- e. 6-10
- f. Higher than I can count!



Try the R2D2 Method!!! Try TEC-VARIETY!!!

Sample papers :

http://www.publicationshare.com/

Archived talks:

http://www.trainingshare.com/

