

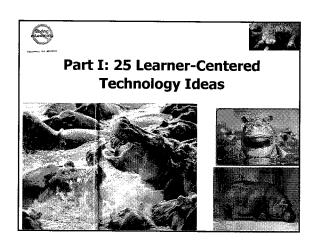
6,00	
Low Risk	High Risk
1. Risk ←	
Easy to Embed	Extensive
2. Time	Planning
Free or	Enterprise
3. Cost Inexpensive	Licenses
Instructor 4. Student-	r-Focus Student-Focus
Centered Low	High

Task

- Ideas definitely Can Use (Circle or write down)
- Ideas you might use (check off or write down in a separate column)
- Ideas you cannot use (cross off or put at the bottom)

Connecting the Digital Dots: Literacy of the 21st Century Barbara R. Jones-Kavalier and Suzanne L. Flannigan Educause Quarterly (2006), 29(2)

"The greatest challenge is moving beyond the glitz and pizzazz of the flashy technology to teach true literacy in this new milieu. Using the same skills used for centuries—analysis, synthesis, and evaluation—we must look at digital literacy as another realm within which to apply elements of critical thinking."



1. Learner-Centered Learning Principles

(American Psychological Association, 1993)

- 3. Construction of knowledge
- 4. Strategic thinking
- 5. Thinking about thinking 6. Context of learning

<u>Cognitive and Metacognitive Factors</u>
1. Nature of the learning process
2. Goals of the learning process learning

11. Social influences on learning

Individual Differences

- 12. Individual differences in learning
- 13. Learning and diversity 14. Standards and assessm

Motivational and Affective Factors 7. Motivational and emotional influences

- 8. Intrinsic motivation to learn
 9. Effects of motivation on effort



1. Anchored Instruction (find anchoring event (CTGV, 1990?) (L/M = Cost, M = Risk, M = Time)

- In a synchronous lecture interrupt it with a summary video (could be a movie clip) explaining a key principle or concept.
- Refer back to that video during lecture.
- Debrief on effectiveness of it.



2. Cool Resource Provider

(Bonk, 2004) Capture and Videostream Lectures (e.g., Apreso CourseCaster)

- Have students sign up to be a cool resource provider once during the semester.
- Have them find additional paper, people, electronic resources, etc.
- Share and explain what found with class via synchronous meeting or asynchronous discussion post.



Good Sauff



3. ORL or Library Day

(L = Cost, M = Risk, M/H = Time)(Bonk, 1999)



- Have students spend a day in the library or online finding and summarizing a set number of articles.
- Have them bring to class or post abstracts to an online forum.
- Share in small groups interested in similar topics.
- Perhaps give each student 1-2 minutes to describe what found in a chat.



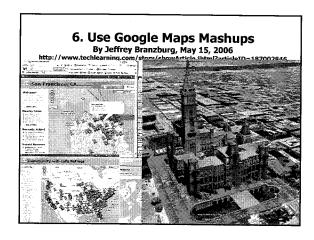
4. 99 Second Quotes (L = Cost, M = Risk, M = Time)

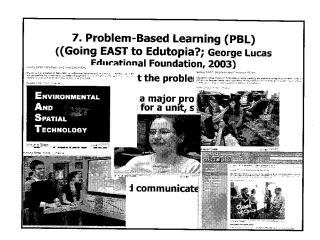


- Everyone brings in a quote that they like from the readings
- You get 99 seconds to share it and explain why you choose it in a sync chat or videoconference
- Options
 - Discussion wrapped around each quote
 - Small group linkages—force small groups to link quotes and present them
 - Debate value of each quote in an online forum

5. Learner-Self Interactions and Reflections







8. Best 3 (Thiagi, personal conversation, 2003)

- After a lecture, have students decide on the best 3 ideas that they heard (perhaps comparing to a handout or dense sheet of paper).
- Work with another who has 3 as well and decide on best 3 (or 4).
- Those pairs work with another dyad and decide on best 3 (or 4).
- · Report back to class.

- 9. Creative Writing or Story Telling and Roundrobins (using email)
 - a. Tell a Tall Tale:
 - One person starts a story and everyone adds something to it. You might throw a ball to the person who is to add to it or the instructor might decide or the next person could just jump in. Could be done via e-mail.



10. Reverse Brainstorming

(using chat) (L = Cost, L = Risk, M = Time)

- Generating ideas to solve the reverse of a particular problem, issue, situation, or concern. Once again, more is better and the wilder the better. The hitchhiking or piggybacking as well as combination of ideas is encouraged. However, there is no evaluation of ideas allowed.
- For example, How can we decrease the use of active learning ideas in college settings?







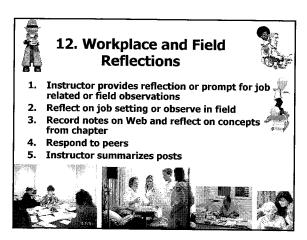
- 11. PMI (Plus, Minus, Interesting) (L = Cost, L = Risk, M = Time)
- After completing a lecture, unit, video, expert presentation, etc. ask students what were the pluses, minuses, and interesting aspects of that activity.

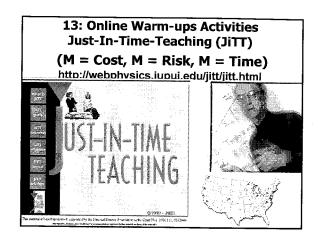












14. Jigsaw

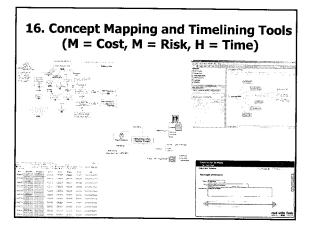


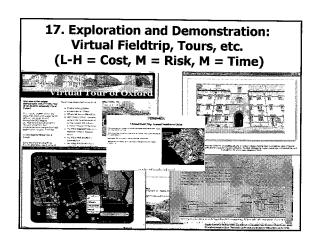
- Form home or base groups of 4-6 students.
- Student move to expert groups discussion ideas in a chat.
- Share knowledge in expert groups and help each other master the material in an online forum.
- Come back to base group to share or teach teammates.
- Students present in group what learned.

15. Six Hats (Role Play): (from De Bono, 1985; adopted for online learning by Karen Belfer, 2001, Ed Media) (L = Cost, M = Risk, M = Time)

- White Hat: Data, facts, figures, info (neutral)
- Red Hat: Feelings, emotions, intuition, rage...
- Yellow Hat: Positive, sunshine, optimistic
- Black Hat: Logical, negative, judgmental,
- Green Hat: New ideas, creativity, growth
- Blue Hat: Controls thinking process & organization

Note: technique was used in a business info systems class where discussion got too predictable!





18. Numbered Heads Together

- a. Assign a task and divide into groups (perhaps 4-6/group).
- b. Perhaps assign group names across class or perhaps some competition between them.
- c. Count off from 1 to 4.
- d. Discuss problem or issue assigned.
- e. Instructor calls on groups & numbers.
 - a. e.g., in a research methods class, one person reads intro, another the method, another the findings, discussion, implications, etc.







20. Value Lines

- Pose question or issue
- Students mark down their feelings or votes
- Share votes and rationale with class
- Recast votes

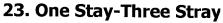
21. Think-Pair-Share or Turn **To Your Partner and Share**

- Assign a topic for reflection or writing.
- Have share their responses with someone next to them.
- Share with another team.
- Ask to share 1-2 ideas with class.
- Alternatively, ask students to volunteer something they heard from a peer.



22. One Stray-Three Stay

- · Give a task to small groups of students.
- Assign one person as spy or pirate to see the answers of other students (one stray-three stay method) and share wit group.



 Group assigns one person from their group to stay behind and share product or ideas with others who visit their poster or station (one stay-three stray method).



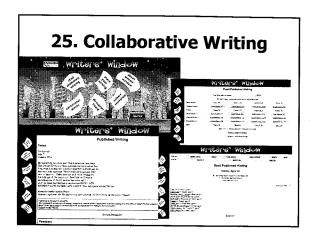






24. Product and Project-Based **Learning (and Gallery Tours)**

- · Students decide on a project to pursue from a
- · Must design something—a poster, poem, song, presentation, radio or TV show, report, advertisement, research report, glossary, website, Wikibook.
- Presentation is made at the end of the unit or semester (perhaps post products on walls in
- Evaluation is made by experts and/or the instructor.



99 Seconds: Think-Pair-Share... What have you learned so far? What is Solid and What is Fuzz?

- If no partner, stray to another group.
- Share with group



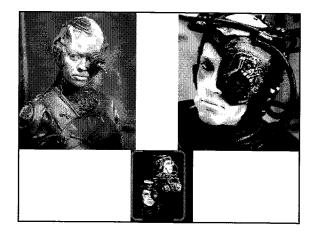


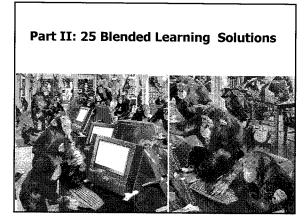




What can we say about educational technology in education then???

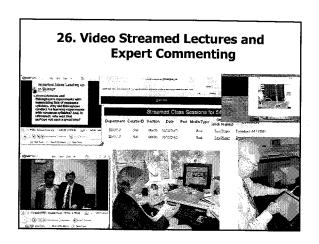
- It is everywhere!!!!!!!
- Resistance is futile!!!!!!!

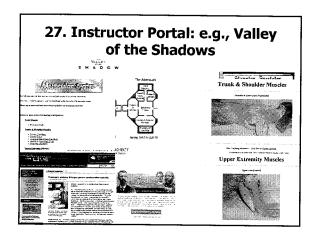


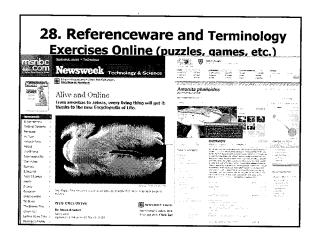


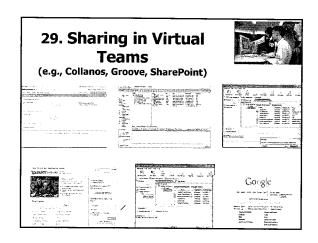


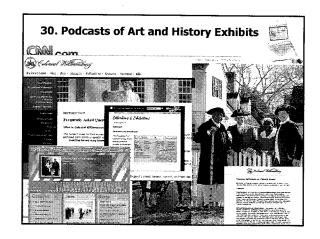
Blending Online and F2F Instruction "Blended learning refers to events that combine aspects of online and face-to-face instruction" (Rooney, 2003, p. 26; Ward & LaBranche, 2003, p. 22) The Hardbook of British and Briti

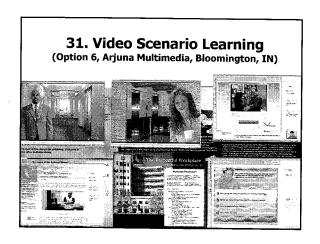


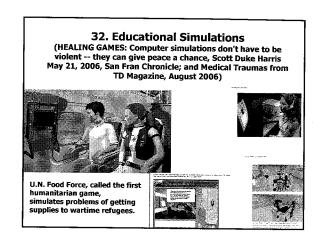


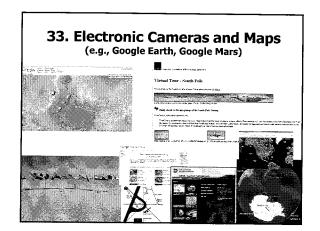


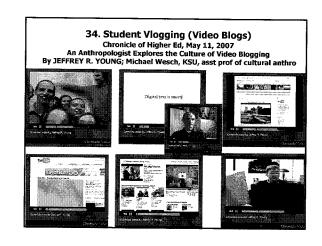


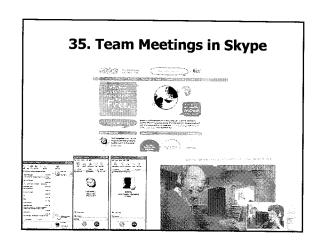


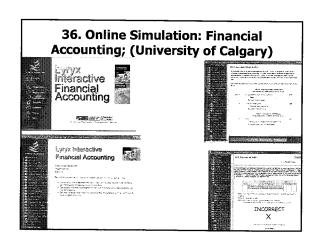


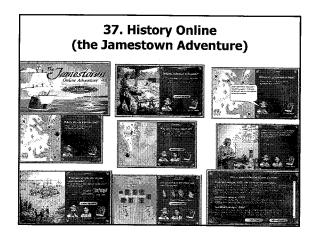


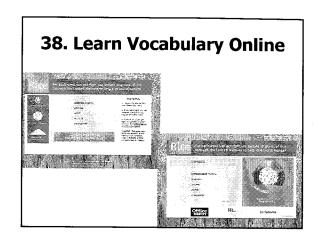


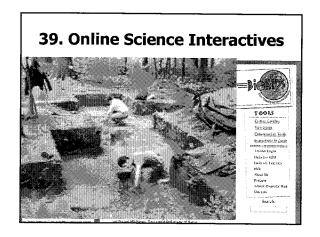


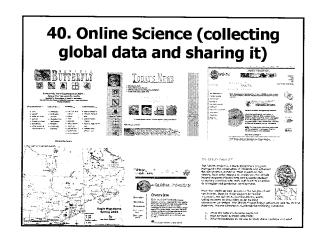


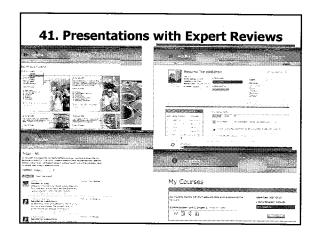


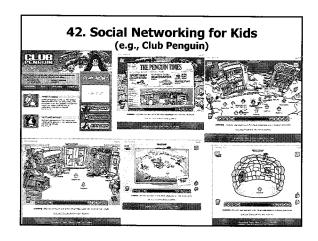


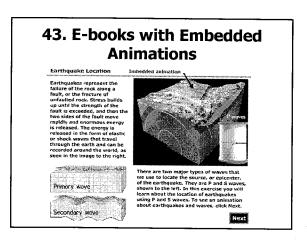


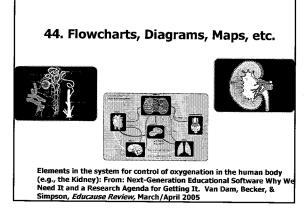


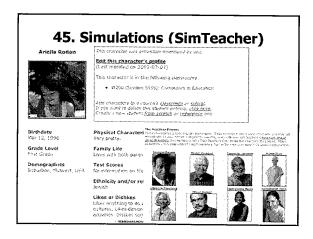


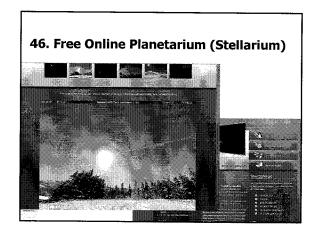


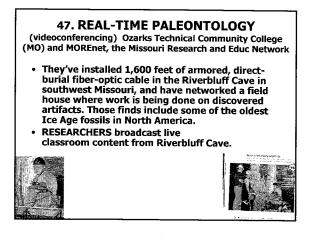


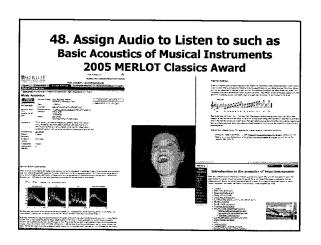


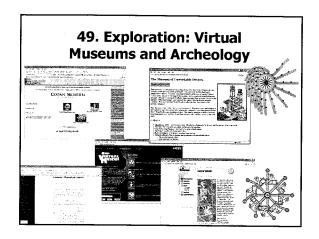


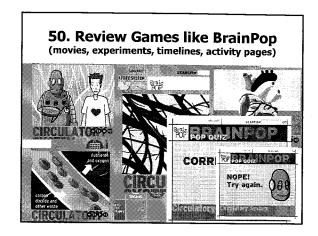




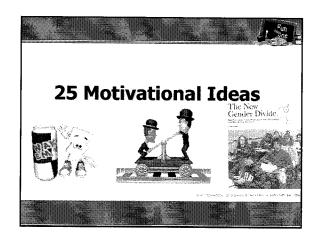








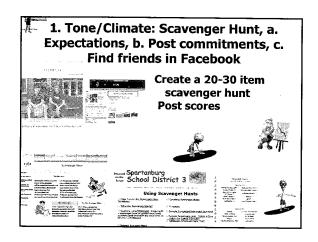


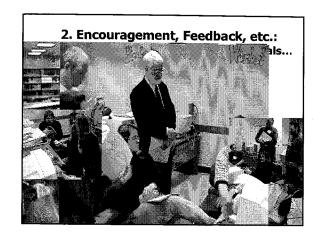


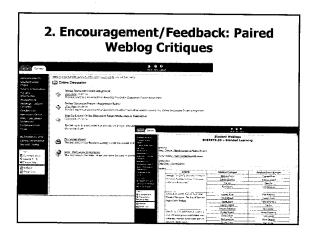
Ok, Million Dollar Question: How can you motivate learners online?

TEC-VARIETY Model Online Motivational

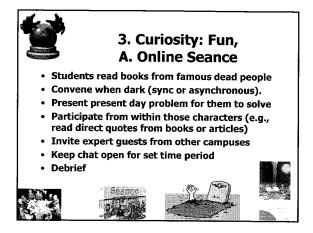
- 1. Tone/Climate: Psych Safety, Comfort, Belonging
- 2. Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- 4. Variety: Novelty, Intrigue, Unknowns
- 5. Autonomy: Choice: Flexibility, Opportunities
- 6. Relevance: Meaningful, Authentic, Interesting
- Interactive: Collaborative,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

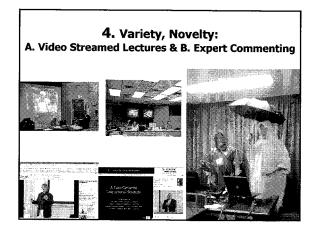


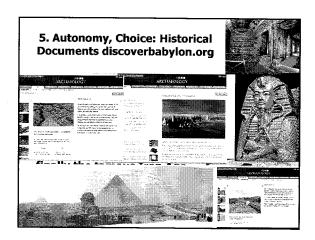




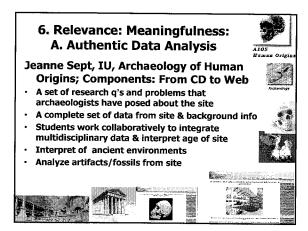


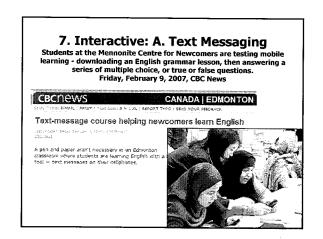








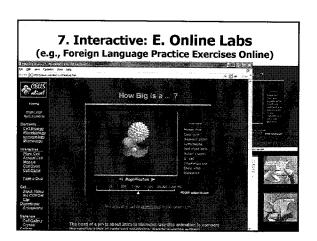


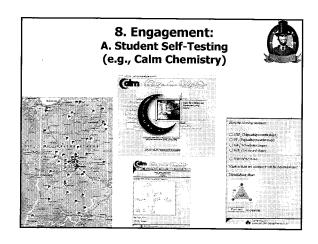


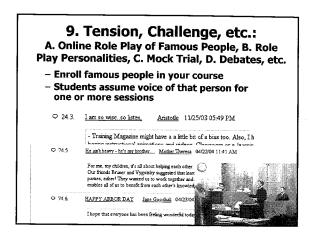
7. Interactive, Collaborative:



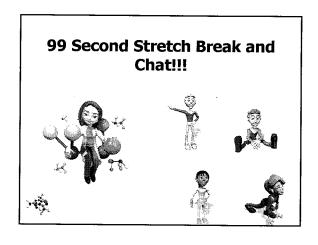
- B. Panels of Experts: Be an Expert/Ask an Expert: Have each learner choose an area in which to become expert and moderate a forum for the class. Require participation in a certain number of forums (choice)
- C. Press Conference: Have a series of press conferences at the end of small group projects; one for each group)
- D. Symposia of Experts



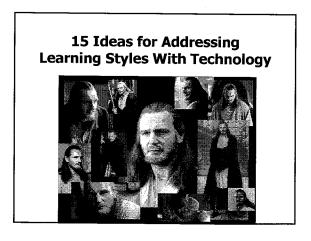


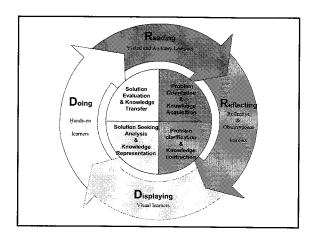


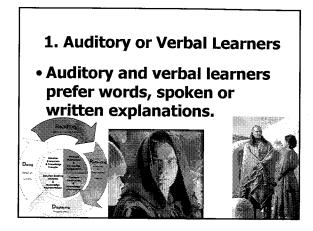


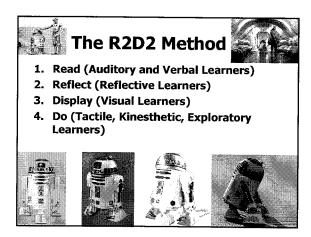


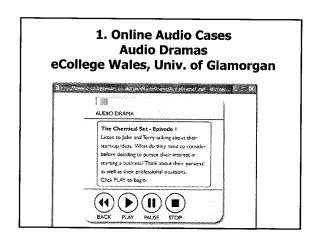


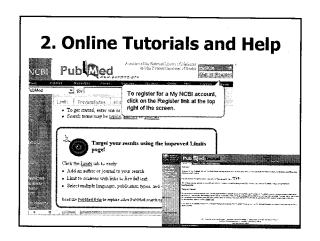


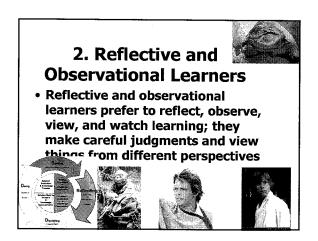


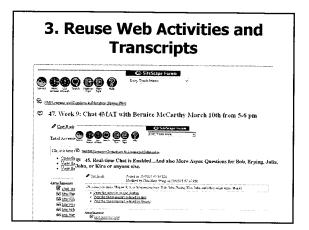


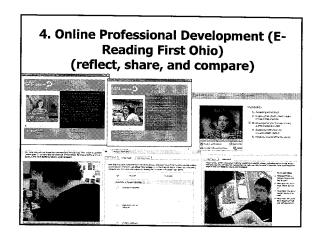


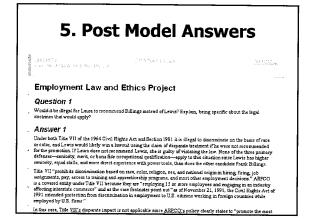


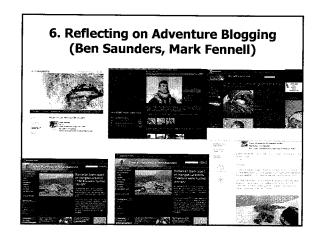


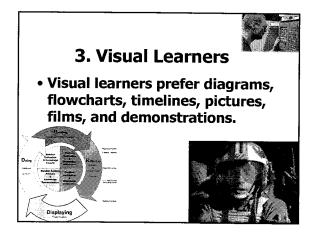




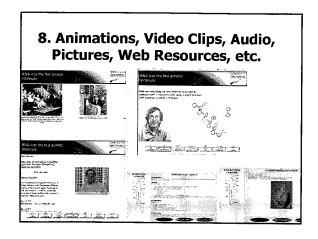


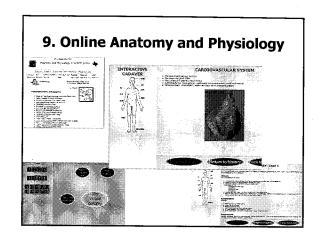


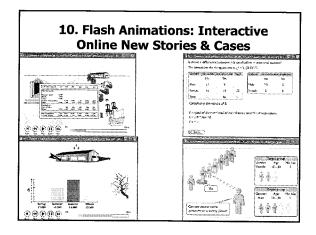


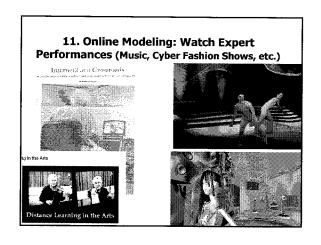


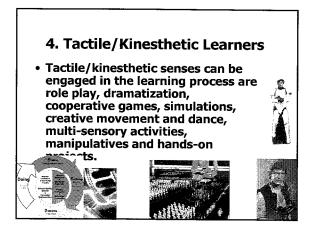


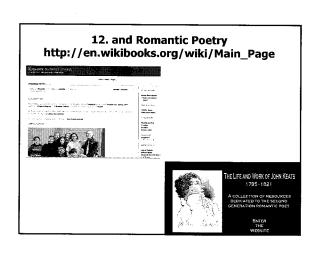


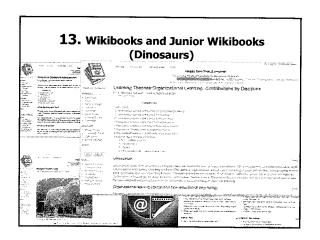








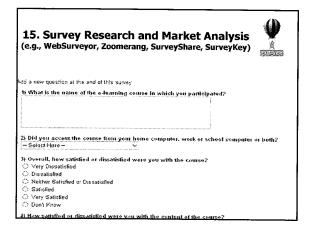




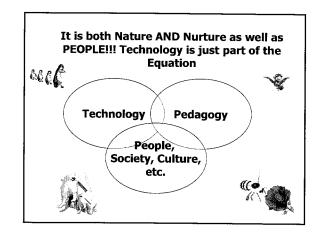
14. Videoconferencing with Hearing Impaired Students Online

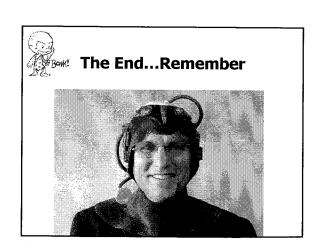
- College students tutoring high schools on their homework
- Instructors observing how teacher education students are doing in field placements (practice presentation and communication skills)
- Interpret speaker via Web cam





Next up: The MATRIX!!!!!!!!!! • Mobile • Auditory • Thought-stimulating • Reflective/Real-World • vIsually Interactive • eXtremely Hands-on







Stand and Share		
· Will Work:		
· Might Work:		
• No Way:	T	