





Poll #1: Million Dollar Question:
What words come to mind when I say
that I want to motivate learners?



Motivation Research Highlights

(Jere Brophy, Michigan State University)

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



Intrinsic Motivation

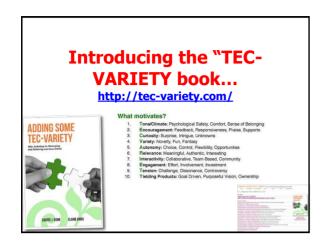
- "...innate propensity to engage one's interests and exercise one's capabilities, and, in doing so, to seek out and master optimal challenges
- (i.e., it emerges from needs, inner strivings, and personal curiosity for growth)

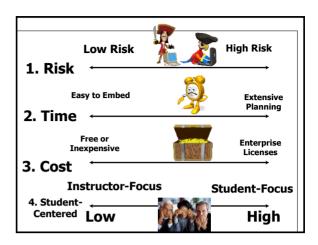
See: Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior*. NY: Plenum Press.

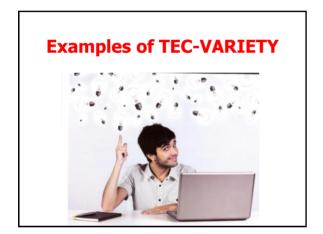


Framework: TEC-VARIETY for Online Motivation and Retention

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











1. Tone/Climate: Social Ice Breakers

C. 8 nouns (adjectives, verbs)

• List of nouns: (e.g., pirate, computer, traveler, roadrunner, wind, bookworm, musician, mentor, etc.)

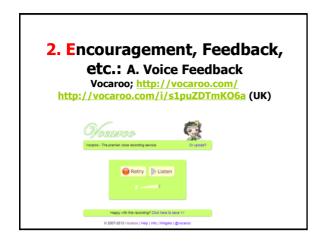
• http://www.momswhothink.com/reading/list-of-nouns.html

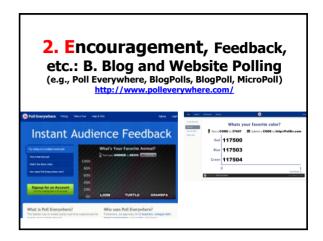
• List of adjectives: (e.g., lazy, powerful, shy, bored, exotic, cooperative, sloppy, rebel, etc.)

• http://www.momswhothink.com/reading/list-of-adjectives.html

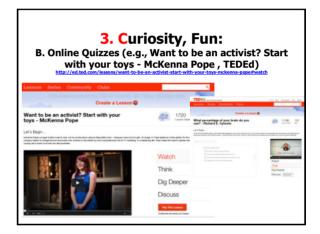
• List of verbs: (e.g., coordinate, entertain, amuse, push, unite, beg, dream, publicize, etc.)

• http://www.momswhothink.com/reading/list-of-verbs.html







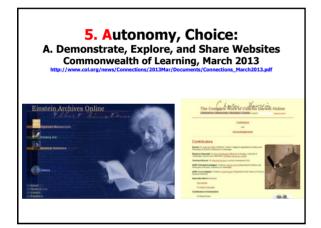


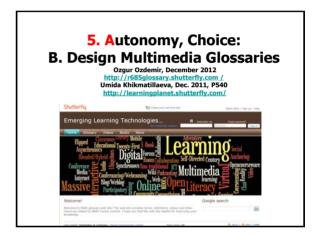


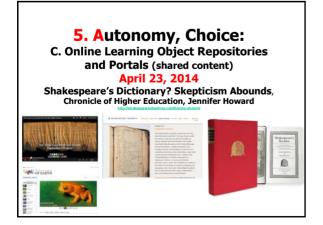




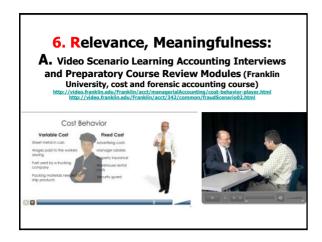


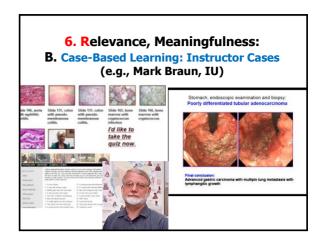




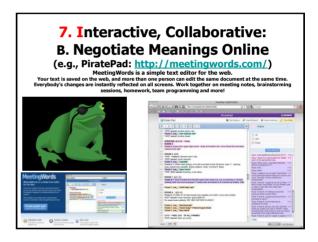


Audience Poll #2: Which of the first 5 motivational principles will you use the most? A. Tone/Climate B. Encouragement/Feedback C. Curiosity/Fun D. Variety/Novelty E. Autonomy/Choice/Flexibility

























Audience Poll #3:

Any light bulbs going off in your head so far...? If so, where?

- A. Yes definitely
- B. Maybe
- C. No







Audience Poll #4:

Which of the last 5 motivational principles will you use the most?

- A. Relevance/Meaningfulness
- **B.** Engagement/Effort
- C. Interactive/Collab/Community
- D. Tension/Challenge/Dissonance
- E. Yielding Products/Goals



Commitments: Stop and Share:

Which principle(s) of TEC-VARIETY will you use?

Tone/Climate

Encouragement, Feedback

Curiosity

Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

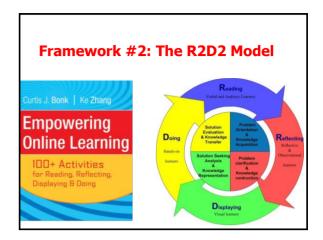




February 20, 2013 Star Trek-like holodeck may be closer to reality than you think Matt Hartley, Financial Post, Canada http://huthessfinanciator.com/2013/07/20/nut-red-like-holdeck-may-be-closer-to-reality-than-you-think/2_ha-0564-458d Star Trek-like holodeck may be closer to reality-than-you-think/2_ha-0564-458d Star Trek-like holodeck may be closer to reality-than-you-think/2_ha-0564-458d



Question: How can technology address diverse learner needs?



The R2D2 Method

- 1. Read (Auditory and Verbal Learners)
- 2. Reflect (Reflective Learners)
- 3. Display (Visual Learners)
- 4. Do (Tactile, Kinesthetic, Exploratory Learners)







1. Auditory or Verbal Learners

 Auditory and verbal learners prefer words, spoken or written explanations.





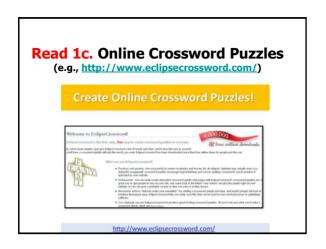


Read 1a. Collect and Listen to Interactive Stories

(e.g., Meograph: http://www.meograph.com/)
Timelines with Oral Histories, Slavery and the Making of America
Time and Place, PBS











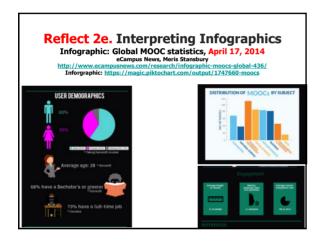


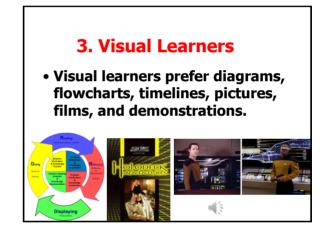




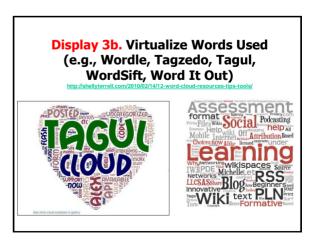


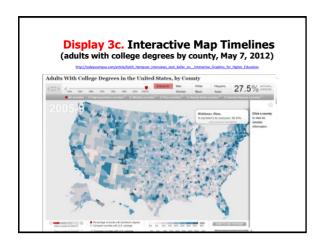


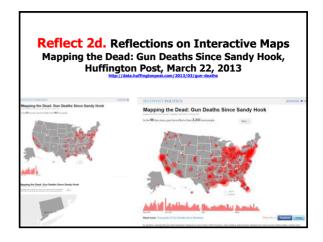


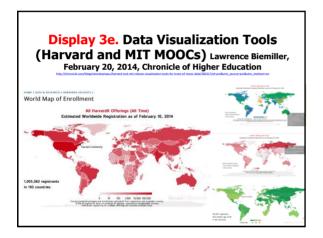


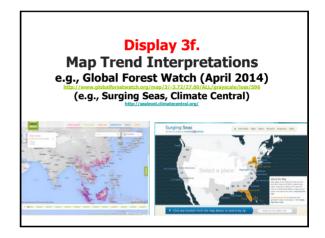




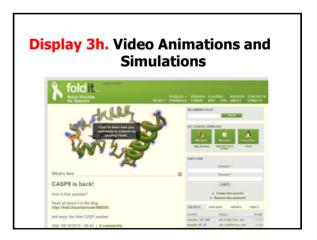


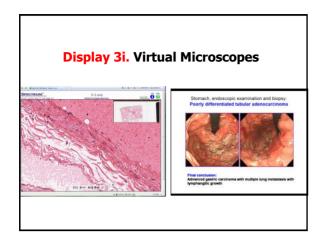














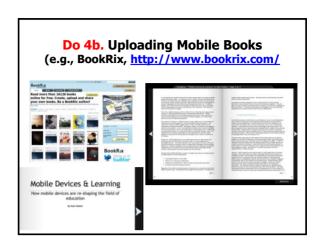








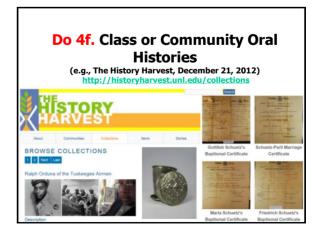














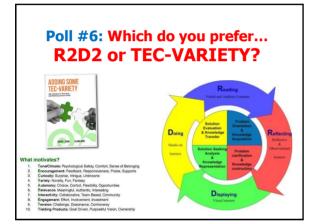
Poll #5: What phase of the R2D2 Method do you like best?

- A. Read (Auditory and Verbal Learners)
- **B.** Reflect (Reflective Learners)
- C. Display (Visual Learners)
- D. Do (Tactile, Kinesthetic, Exploratory Learners)









Poll #7: How many ideas did you get from this talk?

- 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.



Stop and Explore:

Explore Websites from this Session!
Find the lieu...
Take a break...





Any Questions? Try TEC-VARIETY... Slides at: TrainingShare.com Papers: PublicationShare.com Book: http://tec-variety.com/ Dr. Curt Bonk - CJBonk@Indiana.edu