#### Masterclass #2 Engage Number One: Models for Motivating and Retaining Online Learners (e.g., "TEC-VARIETY")

Curtis J. Bonk, Professor, Indiana University cjbonk@indiana.edu http://mypage.iu.edu/~cjbonk/

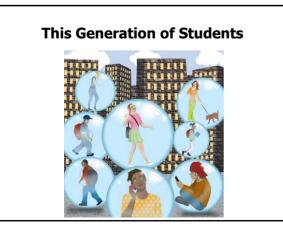


### (Circa Confucius 551–479 BCE)



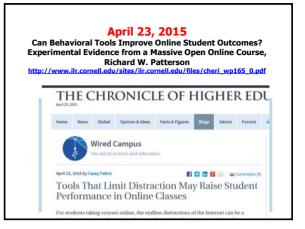








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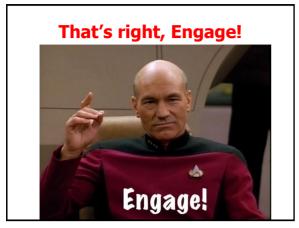














#### **Motivation Research Highlights** (Jere Brophy, Michigan State University)

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)

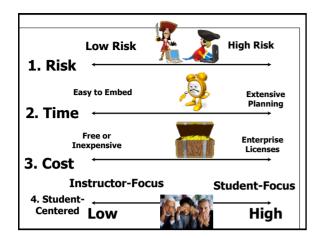
See: Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior*. NY: Plenum Press.

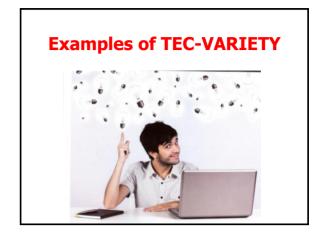


#### Framework: TEC-VARIETY for Online Motivation and Retention

- 1. Tone/Climate: Psych Safety, Comfort, Belonging
- 2. Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- ...
- 4. Variety: Novelty, Intrigue, 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



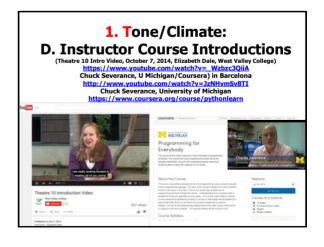










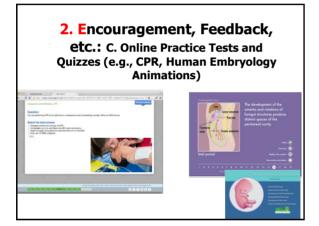


# 2. Encouragement, Feedback,

etc.: A. Demonstrations and Tutorials Emerging technology specialist, IU UITS, Nitocris Perez, May 29, 2014 http://inside.iub.edu/features/2014-05-29-inub-vid-cib.shtml









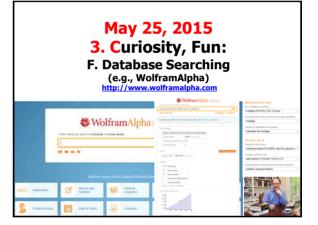




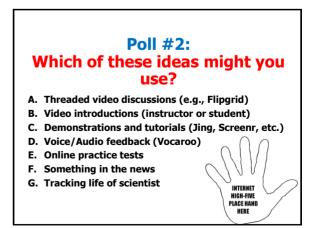






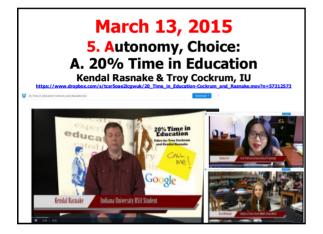




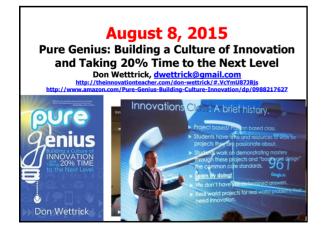


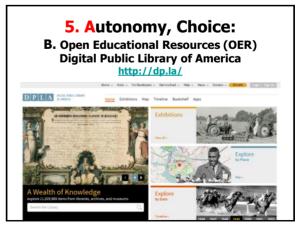




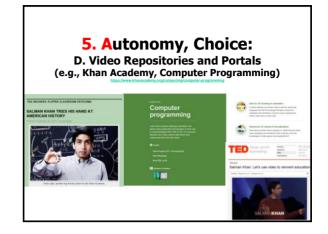


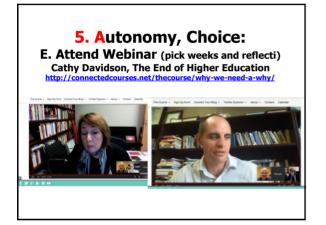


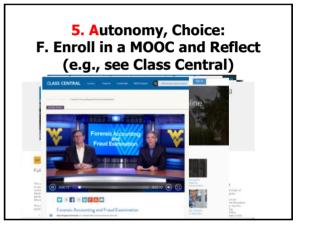




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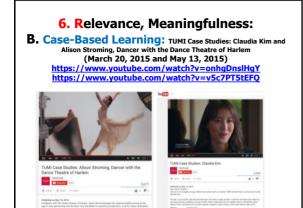


### Poll #3: Any light bulbs going off in your head so far...?

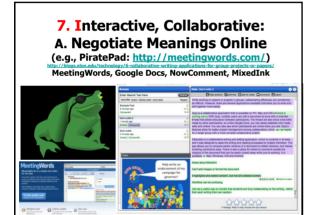
- A. Yes definitely\*\*\*
- B. Yes maybe!
- C. Not yet (but hopefully soon...)















### Poll #4: Which of these ideas might you use?

- A. Online cases
- B. 20 percent time learning
- C. Guest chats with former students
- D. Negotiate meanings online (e.g., PiratePad)
- E. Enroll in a MOOC
- F. Discussion in Google Hangouts



8. Engagement, Effort: A. Interactive Multimedia E-Books June 10, 2014, Chronicle of HE, 300 images, more than 700 notes and explanations, multimedia annotations, video commentary, and two dozen videos. Digital Dubliners: <u>http://digitaldubliners.com/</u>

James Joyce: <u>http://joyceways.com/</u>









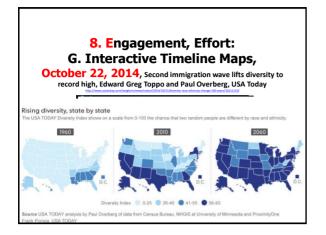


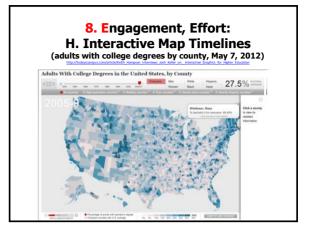
### 8. Engagement, Effort: D. Simulations (e.g., business, science, medicine)





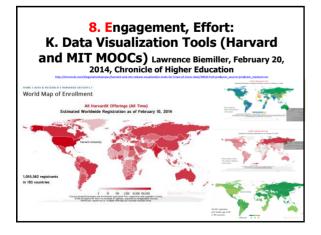










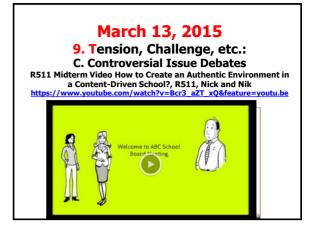




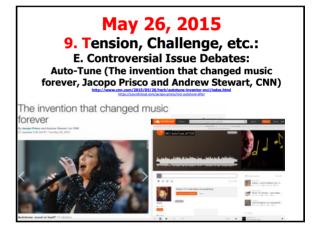
#### August 20, 2015

9. Tension, Challenge, etc.: B. Controversial Issue Debates U.S. sees big spike in black and Hispanic women entrepreneurs, Tanzina Vega, CNN Money

U.S. sees big spike in black and lispanic women entrepreneurs











### **10. Yields Products, Goals:** C. Student Created Videos

Qi Li, Gangnam: http://www.youtub Miguel Lara (Web 2.0 FREEDOM): htt Kendal Rasnake (Is IT Right For You?):



#### **Poll #5:** Which of these ideas might you use?

- A. Guest speaker quotes
- B. Data visualization tools
- C. Issue challenges, role plays, and debates
- D. Student designed video productions
- E. Student designed e-books
- F. Map trends
- G. Interactive timeline tools



#### **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** 



**Recap and Reflect with Neighbor:** 

Explore Websites from this Session! Or Find the lieu...

Take a quick 15 minute break...





#### What motivates?

- Tone/Climate: Psych cal Safety Con nt: Feedback, R
- y: Surprise, Intrigue, Unknov Novelty, Fun, Fantasy
- ny: Ch