

Framework #1: WE-ALL-LEARN: Ten Forces that Opened the Learning World Web Searching in the World of e-Books (i.e., Darwin) E-Learning and Blended Learning Availability of Open Source and Free Software (e.g., Moodle) Leveraged Resources and OpenCourseWare (e.g., MIT) Learning Object Repositories and Portals (i.e., shared content) Learner Participation in Open Info Communities (YouTube) Learner Participation and Interaction (sync and async) Alternate Reality Learning (Online Massive Gaming, Simulations, and Virtual Worlds; e.g., Second Life) Real-Time Mobility and Portability (e.g., iPhone) Networks of Personalized Learning (Blogs, RSS)

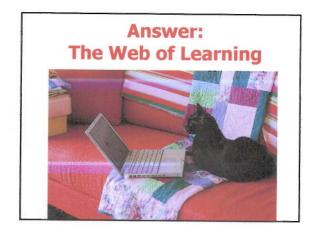


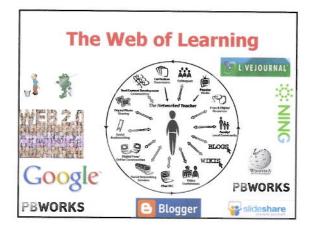


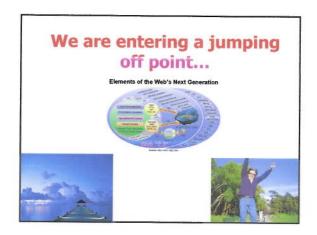
Question: What is the Web?

- An entertainment system?
- = A writing aid?
- A communications system?
- A means to handle commercial transaction?
- A social networking device?

No, it is a learning tool!















Motivation Research Highlights (Jere Brophy, Michigan State University)

- Supportive, appropriate challenge, meaningful, moderation/optimal.
 Teach goal setting and self-reinforcement.

- Offer rewards for good/improved performance.
 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.
- Show intensity, enthusiasm, interest, minimize anxiety.
 Make content personal, concrete, familiar.



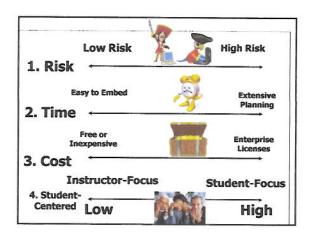


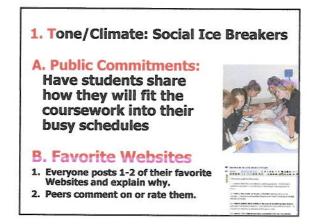
TEC-VARIETY CLO, October 2011

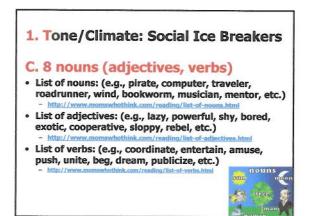
Framework #2: TEC-VARIETY for **Online Motivation and Retention**

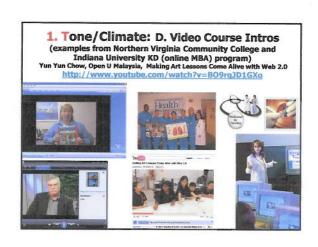
- Tone/Climate: Psych Safety, Comfort, Belonging
 Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- 4. Variety: Novelty, Intrigue, Unknowns

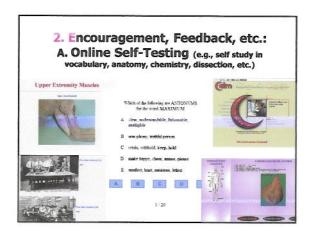
- Autonomy: Choice: Flexibility, Opportunities
 Relevance: Meaningful, Authentic, Interesting
 Interactive: Collaborative, Team-Based,
 Community
- 8. Engagement: Effort, Involvement, Excitement
- 9. Tension: Challenge, Dissonance, Controversy 10. Yields Products: Goal Driven, Products, Success,

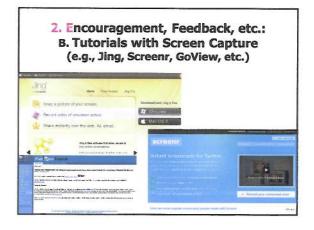


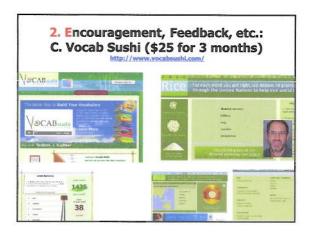


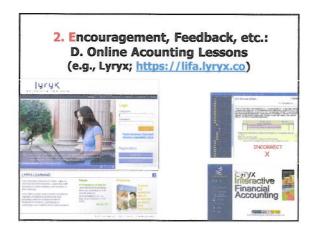


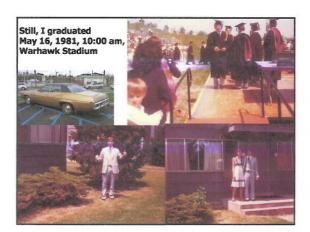








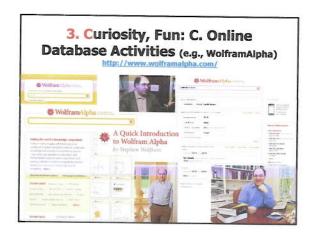








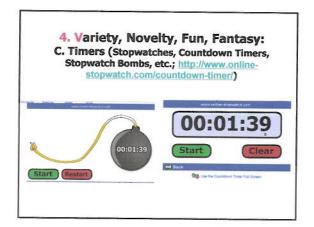


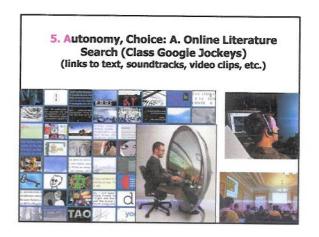


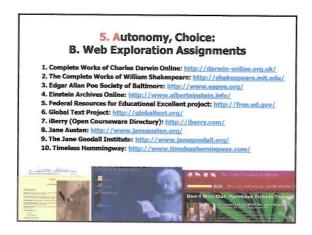


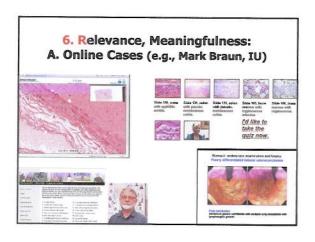


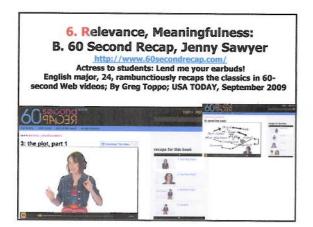




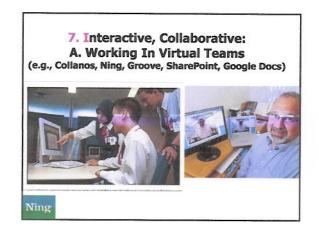


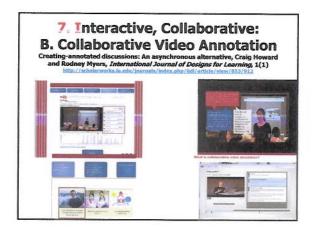








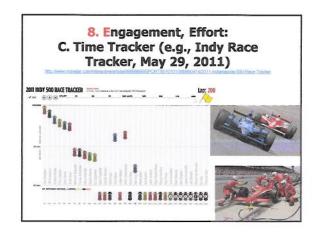


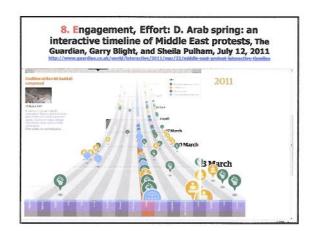


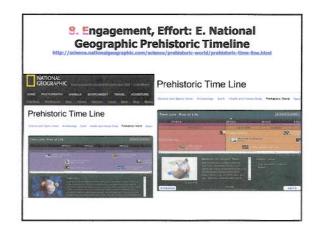








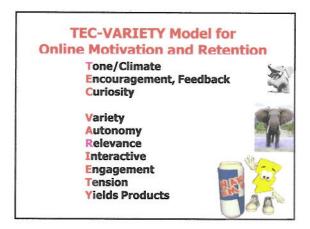


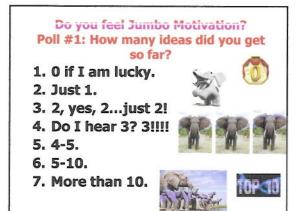


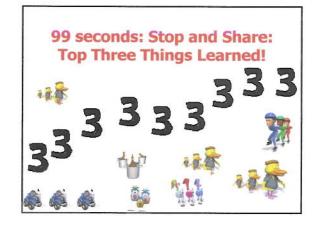


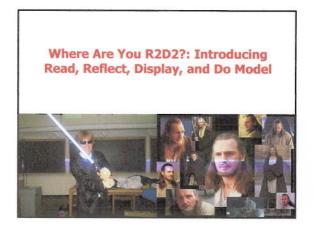




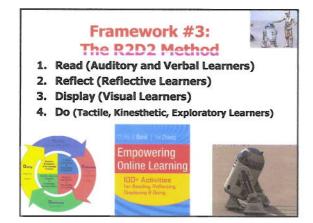


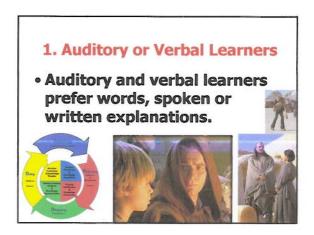






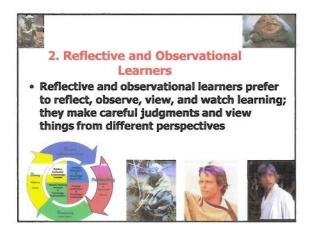






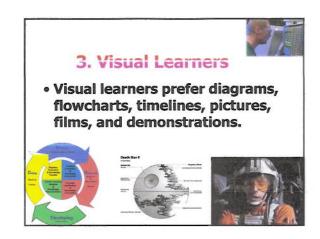


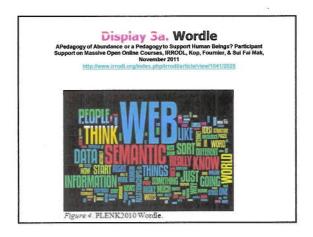




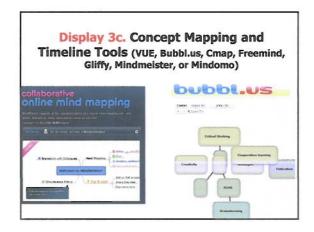


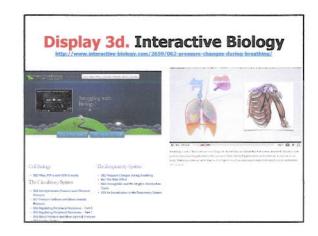










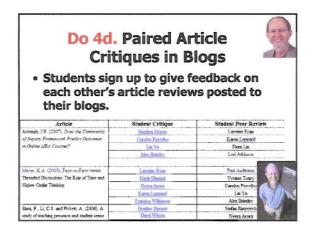


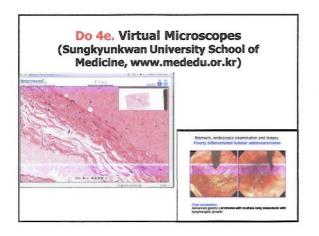


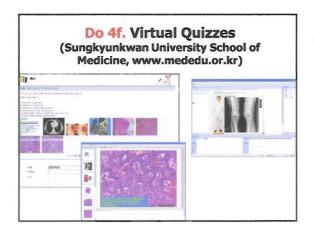


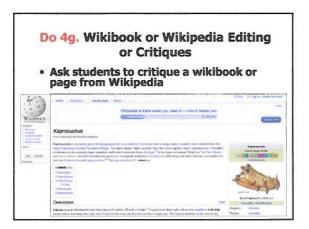


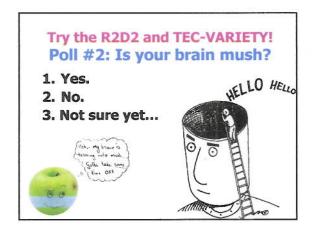


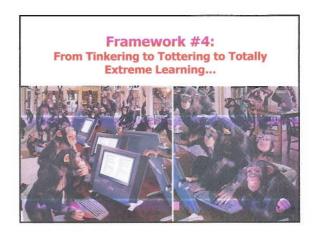




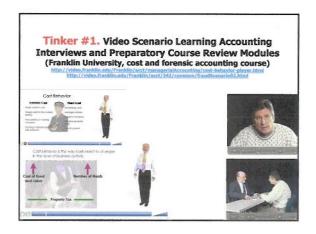








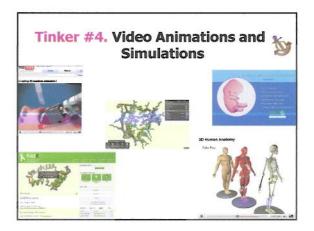








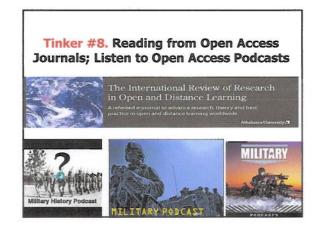


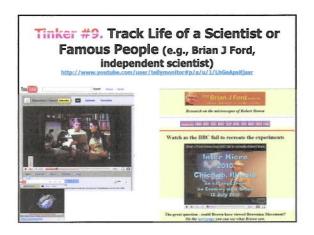


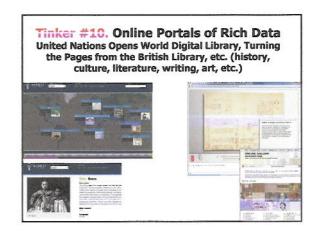


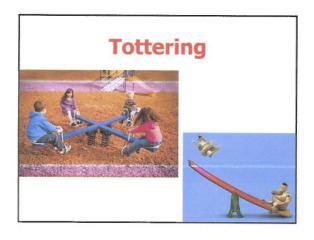


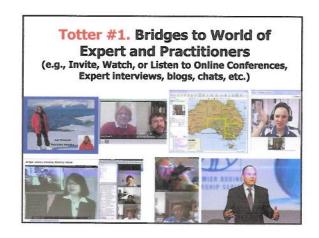








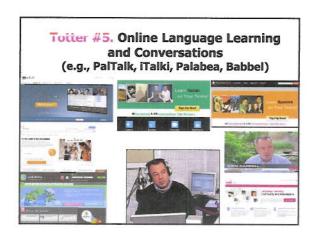








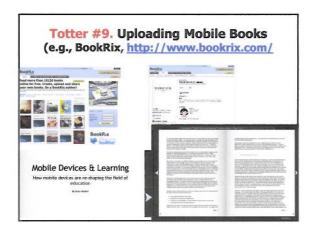




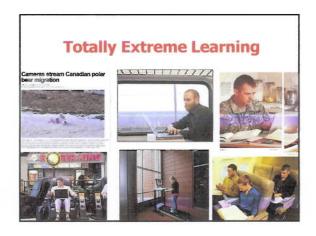


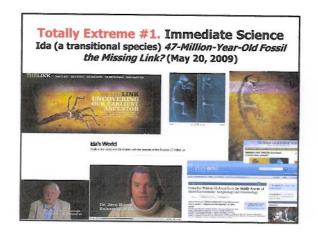




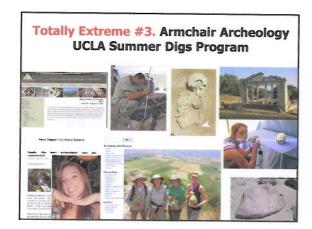


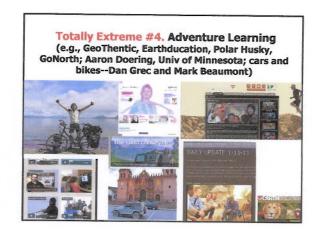






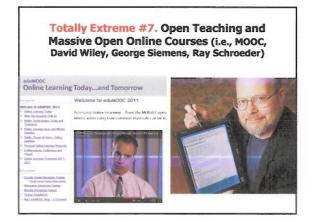


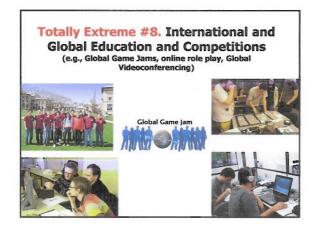


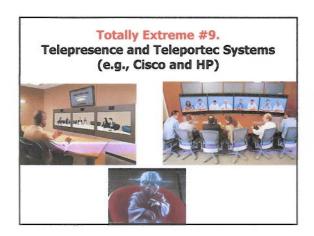




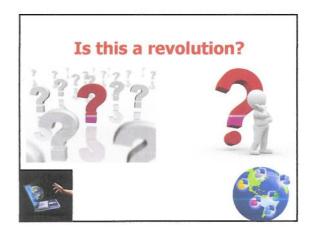


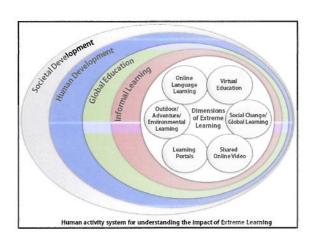








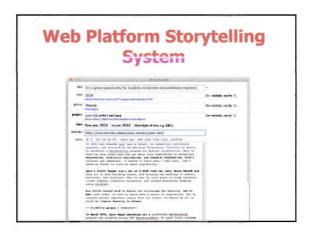


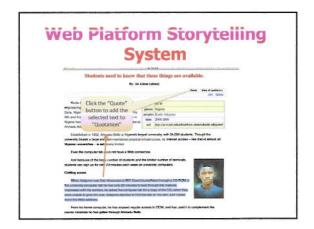


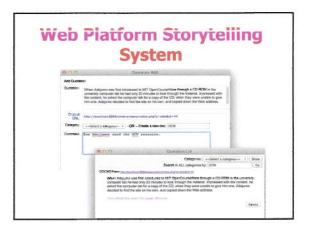




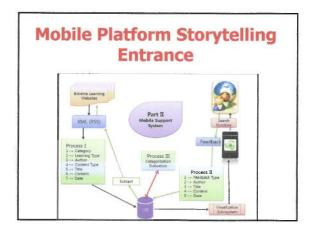


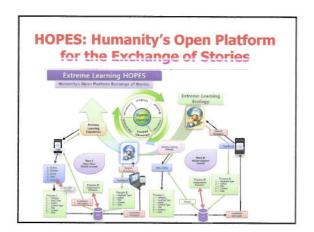














DREAMS: Design Research for an **Engaging and Active Mobile System**

- Online Language Learning Sites: Babbel, Livernocha, ChinesePod, English Central, BBC-Languages, Mioxer, Voxopop, Kan Talk, Ling, Vocab Sushi, InterPals. Outdoor/Adventure Learning: Polar Husky, Earthducation, the Last Ocean Project, Impossible/2Possible, Roadtrip Nation, Explo.tv, Explorers Web, Nautilus Live. Social Change/Global Education: The Flat Classroom Project, Link TV, Soliya, ePals, IEARN, Free Rice, MGDFive.com, Infinite Family, Omnium Extension Projects.
- Virtual Education: Khan Academy, Open Yale, Wolfram Alpha, MIT OCW, Sophia, Peer 2 Peer University, Florida Virtual School, Wikiversity, Open High School of Utah.
- Péef 2 Peer University, Flofica virtual School, visitversity, Open riign School o Gail.

 Learning Portals: Jane-Austin org, Einstein Archives Online, Shakespeare Online,
 Jane Goodall Institute, Curriki, MERLOT, Connexions, Encyclopedia of Life, Squidoo.

 Shared Online Video: Link TV, Book TV, Current TV, YouTube EDU, School Tube,
 Big Think, Fora TV, Clip Chef, Wonder How To, Howcast, TV Lesson, MIT World,
 Academic Earth, BBC Video Nation, CNN Presents, History for Music Lovers.

