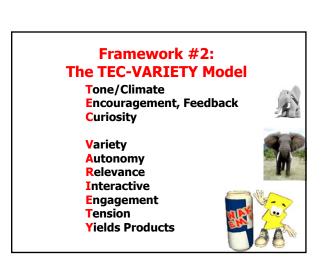


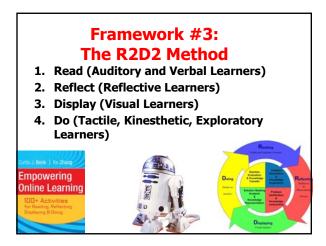


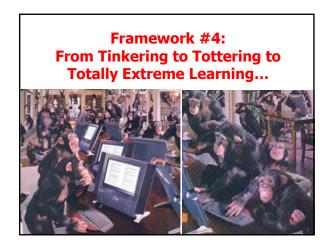
Ahn Young-joon/AP -Teacher Yeon Eunjung, right, helps student Jeong Hoseok study on a tablet PC during a lesson at Sosu Elementary School in Gwesan, South Korea in July. The country is now scaling back a plan to digitize classrooms by 2015.





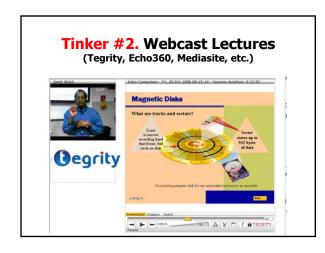










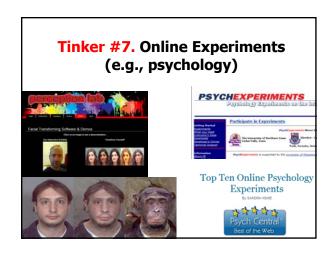


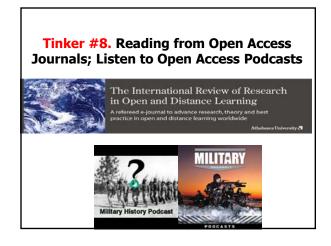










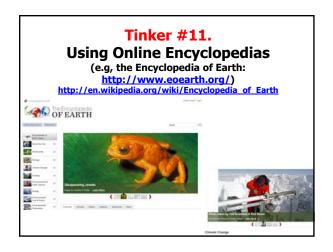


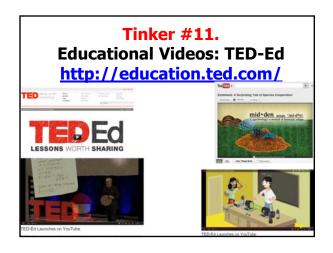






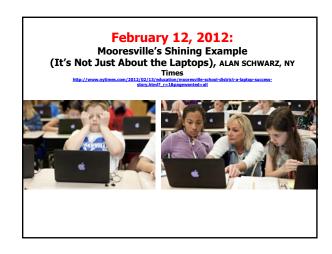




























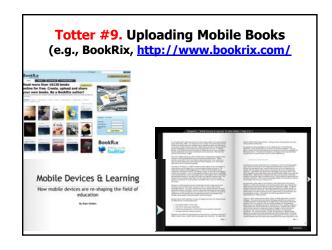


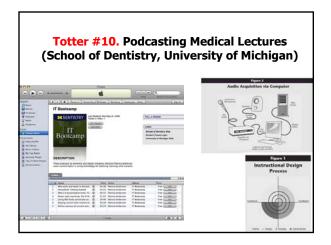


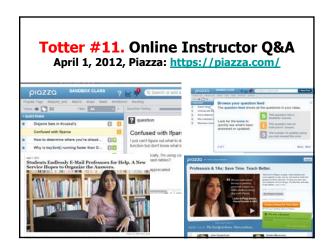




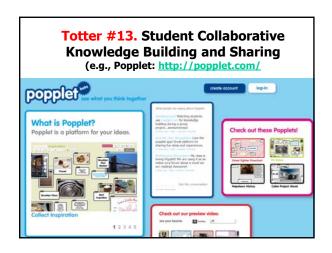


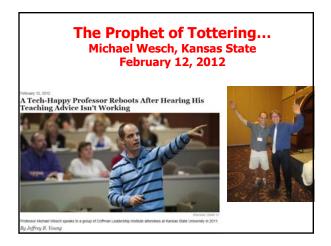


















# Extreme Learning Defined (Bonk, 2011)

"Extreme learning can involve learning while on a boat at sea near the North Pole or when sailing around the world. It also occurs when tracking the blog and podcasts postings of those in similar adventures such as riding a bike or a car around the world or through the Americas. Extreme learning also includes more sedate and passive forms of learning including watching an online video in TED, LinkTV, CurrentTV, or YouTube."







# Extreme Learning continued... (Bonk, 2011)

"Through extreme learning Web resources, those stuck behind prison walls, injured and in a hospital bed, or unemployed and unable to pay for college tuition can learn to be more productive members of society. Others might be in transition from one career to another and find open educational resources and OpenCourseWare can arouse new interests and confidence" (see Iiyoshi & Kumar, 2008).







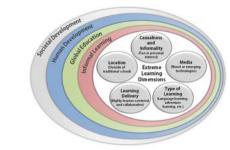
# **Extreme Learning**

"Still others might be retired and offer their educational ideas and mentoring services to anyone interested in the topic. Others might be earning their MBA while in war zones in Iraq or Afghanistan."





# Visual Representation of the Dimensions and Impact of Extreme Learning



#### Totally Extreme #1. Immediate Science Ida (a transitional species) 47-Million-Year-Old Fossil the Missing Link? (May 20, 2009)







#### **Totally Extreme #2. Live Science**

(Nautilus Live allows people to watch expeditions live & listen to scientists in control rooms a discoveries made)







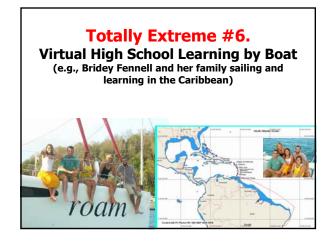






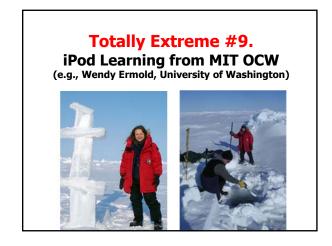






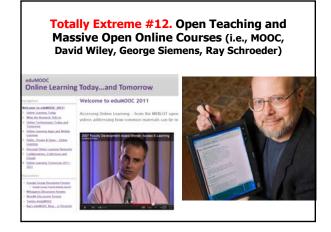




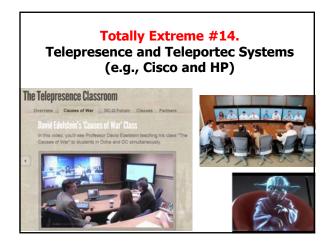










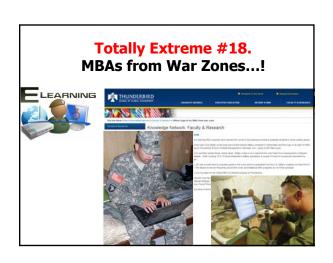














## Learn Anytime, Always On/Mobile.

Will Technology Kill the Academic Calendar? Online, semesters give way to students who set their own schedules, Marc Parry, Chronicle of Higher Ed, October 10, 2010







Robert Johnson, who championed the open-format Learn Anytime program at a two-year college in Louisville, Ky. checks students' e-mail while waiting for a flight. "Everything I need to do today, I can do on my phone," says Robert Johnson...He often grades papers and communicates with students from a cafe near his home.

# **Totally Extreme #20.** Pocket School and **Videoconferencing in Developing World**

(Paul Kim, Stanford and Seeds for Empowerment in Rwanda, India, Mexico, Tanzania, etc.)







**February 2012**SMILE: Stanford Mobile Inquiry-based **Learning Environment** 





February 2012
Seeds for Empowerment, Tanzania (Alex Bonk and the kids...)



## March 20, 2012

**SMILE: Stanford Mobile Inquiry-based Learning Environment** 

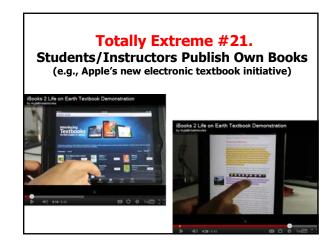


## March 20, 2012

**SMILE: Stanford Mobile Inquiry-based Learning Environment** 

















# **Extreme Learning Areas**

- 1. Adventure Learning and environmental education,
- 2. Virtual Education (formal as well as informal),
- 3. Social Change and Global Learning,
- 4. Language Learning,
- 5. Shared online video,
- 6. Learning portals.

