

Active Learning with Technology: Myths, Magic, or Just a Lot of Bonk



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Tech creates a bubble for kids

By Bob Schuchman, USA TODAY

It's a bubble for kids, not for adults. The bubble is made of technology, and it's a bubble that's growing. It's a bubble that's made of technology, and it's a bubble that's growing. It's a bubble that's made of technology, and it's a bubble that's growing.

Alejandro Gonzalez, USA TODAY,
Updated 6/20/2006 10:34 AM ET

No Child Left Behind Summit,

Learning and Students Today: Options for No Child Left Behind
Susan Patrick, Director, Office of Educational Technology, U.S.
Department of Education

http://www.nclbtechsummit.org/summit2/presentations/p_Patrick.pdf

- **Reasons:** Rural, medical, disabilities, at risk, work, sport, poverty, AP, supplement, catch up, summer, etc.
- **Types:** Virtual charter schools, State run schools, District run, University run.

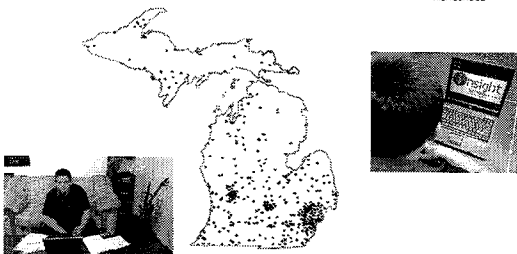


Per Tim Stroud, North American Council for Online Learning (NACOL) <http://nacol.org/>

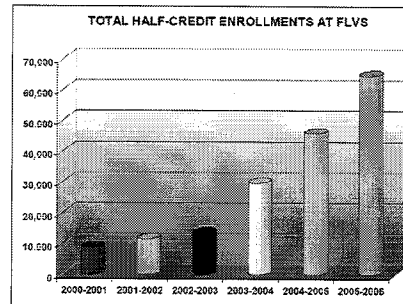
- **141 Online Learning Programs**
- **25% of schools involved in some type of online learning**
- **Less than 10% take all courses online**
- **300,000 students and 10,000 teachers**

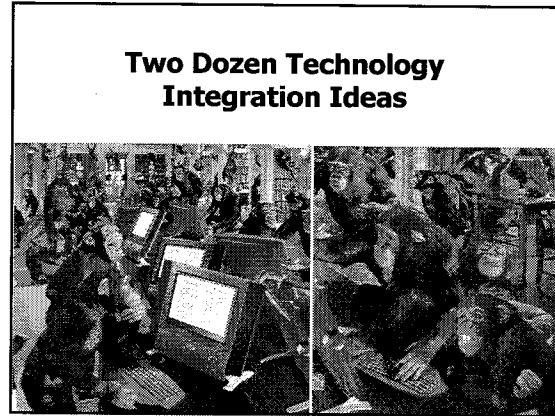
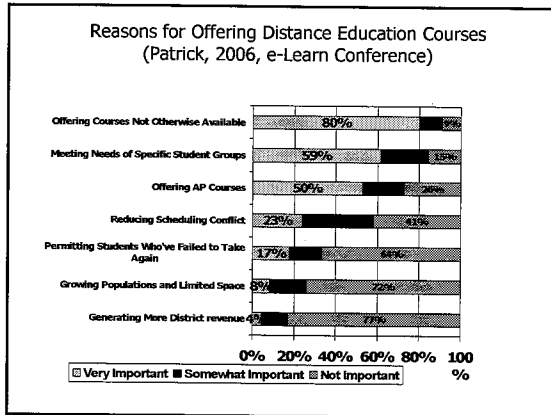
Report of the Michigan Dept of Ed on the Development and Growth of the Michigan Virtual High School (1999-2005); April 13, 2005

Figure 2 Map of Participating MVHS School Buildings (2003-04)



Growth of Online Learning in Secondary Schools





1. Free Online Tools and Resources (e.g., Encyclopedia of Women)

ENGLISH Writers' Window

- find published writing
- share your writing
- about writers' write
- continuous stories
- discussion board
- writers' workshop

2. Scavenger Hunts

Created by WebTech Participants

Meets For K-2

Lodibus Scavenger Hunt (7)	Appler Scavenger Hunt (3)
Animals in Winter (6-8)	Let's Learn About Animals (1)
Blast Off: Touring the Solar System (2)	In the Good Old USA (4)
Animal Alphabet (8)	Australia (2)
North America Hunt (3)	Frog Hunt (5)
Lodibus Hunt (4)	Custom Scavenger Hunt (1)

Meets For 3-5

My Laptop	Civil War Scavenger Hunt
Capone to America	A Trip to Canada
Habitats Scavenger Hunt	Vis. the People
Martians	U.S. Citizenship
Keep the Lights Burning, Albee	Responsibility

3. BrainPop (movies, experiments, timelines, activity pages) (Gina Koch Hidalgo, FETC Connections, Fall 2005)

nutrients and oxygen

carbon dioxide and other waste

CIRCULATOR

4. COSMEO: Online Homework Help from the Discovery Channel

includes math homework help, 15,000 interactive learning quizzes, games, and puzzles, 27,000 research articles, and 30,000 video clips that correlate to state standards!!!
And the collection is expanding daily (cost = \$9.95/month for up to 4 kids per family)

11. E-Portfolios

- Multimedia presentations (video, animation, voice-over testimonials)
- Examples of work
- Personal statement
- Self-reflections on that work
- Connections between experiences
- Standard biographical info
- i.e., progress, achievements, efforts...
- Large, complex, time to grade



12. High School Student Self-Testing (e.g., Calm Chemistry)

13. Instructor Portal: e.g., self study in anatomy

14. Language Learning (ChinesePod—learn Mandarin)

15. Exploration: Virtual Museums and Archeology

16. Online Labs (e.g., Foreign Language Practice Exercises Online)

17. Virtual Fieldtrips

Blogging Questions

1. Who has a blog? Any for a specific class?
2. Who regularly reads other people's blogs?
3. Who assigns blogging tasks?
4. Who has created a video blog?
5. Who thinks it is an utter waste of time to blog?

18. Vlogging (Video Blogging) e.g., Andy Calvin's Waste of Bandwidth

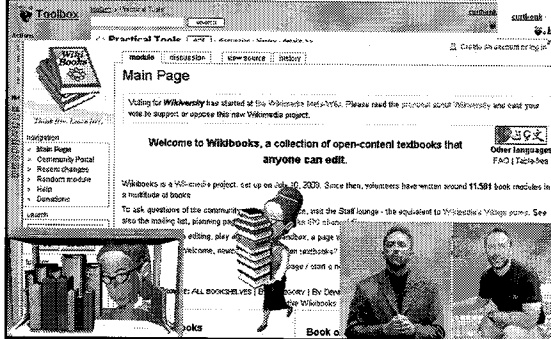
19. Adventure Blogging = Reality Teaching and Learning

Wiki Questions

1. Who regularly reads Wikipedia articles just for fun?
2. Who regularly reads Wikibooks?
3. Who seeks Wikipedia for content?
4. Who has edited or written new articles on Wikipedia or Wikibooks?
5. Who thinks it is ok for college students to cite from Wikipedia?

20. Wikis

21. Wikibook Creation and Collaboration

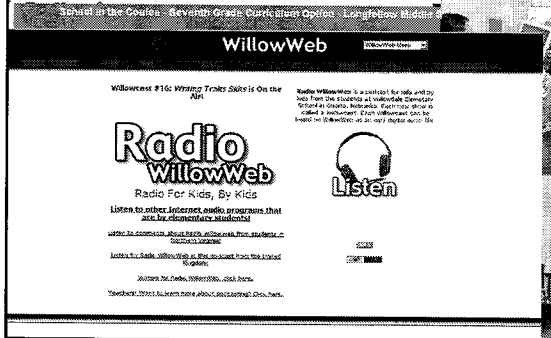


Podcast Questions

1. Who has listened to a podcast?
2. Who listens to a certain podcast on a regular basis?
3. Who has created a podcast?
4. Who has created a vodcast?
5. Who thinks podcasting is simply more talking heads?



22. Podcasting and Coursecasting (Adam Curry; www.dailysourcecode.com)

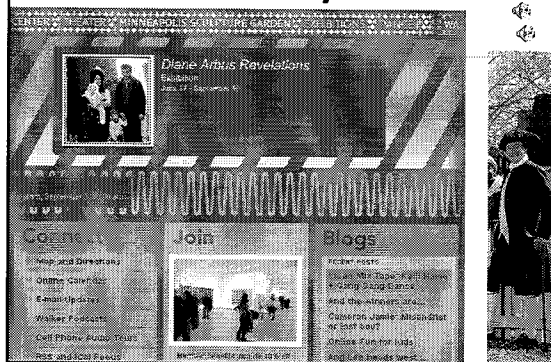


23. Student Podcast

"Just the word 'podcast' scares a lot of teachers away," Ms. Schrock said. "There are a lot of misconceptions."
 "All you need is a computer, access to the Internet and a microphone that you can buy at Toys 'R' Us," Mr. Warlick said. "I listen to podcasts on my computer." (NY Times, Jan 25, 2006)



24. Art and History Exhibits



Podcasts and Wikis and Blogs Oh My!
 (Sample articles at PublicationShare.com
 archived talks at TrainingShare.com)

