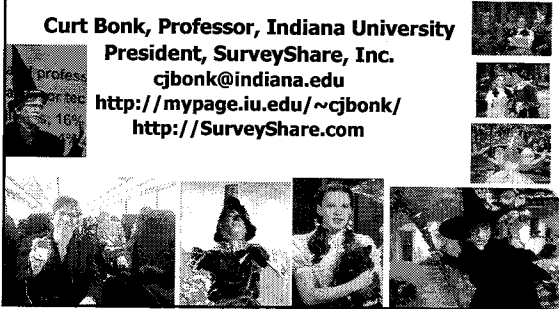


**Podcasts and Wikis and Blogs, Oh My!
Online Learning is Not in Kansas Anymore**

**Curt Bonk, Professor, Indiana University
President, SurveyShare, Inc.
cjbonk@indiana.edu
<http://mypage.iu.edu/~cjbonk/>
<http://SurveyShare.com>**



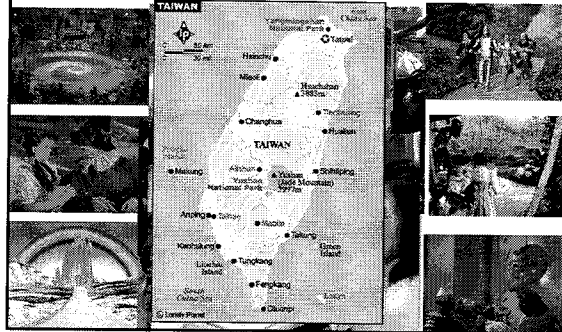
**Podcasts and Wikis and Blogs!
Oh My!**



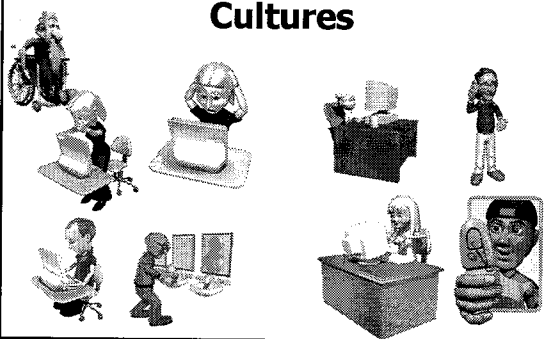
E-Learning Not in Kansas?



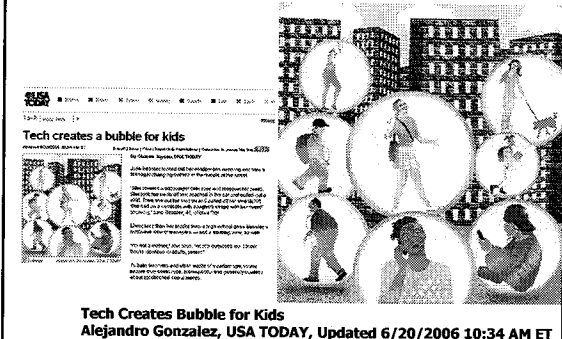
**If it is not in Kansas, can we find
e-learning in Taiwan?**



**Part I. People, Society, and
Cultures**



Next Generation of Students



**A Different Generation??? Multitasking...
"YOUNG AND WIRED," Katherine Seligman, San Fran
Chronicle, Sunday, May 14, 2006**

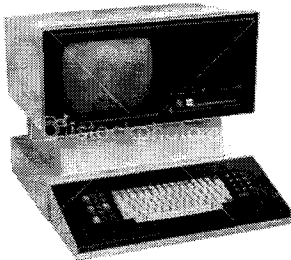


**Gloria Kwan listens to her iPod while text messaging a friend who's in class.
Chronicle photo by Mike Kepka**

I'm a librarian



Technology of the 1980s



INFORMATION TECHNOLOGY



Entice Students with Technology Giveaways

NEWS
Students get out of their education classes.



Nokia 1200, WPC
College of Pima, where
and technology at
Maricopa
The school gave all
students cell phones as a
first with Pima to reach
coverage in the local
area.



Gateway M275 tablet PC,
Winona State University,
Mayville State University
The schools will provide the
tablet computers to full-time
students who do not have
laptops from previous
programs.



BlackBerry P210 PDA,
University of Maryland
The school has begun
handing out the wireless
personal digital
assistants to faculty and
more than 300 full-time
graduate students in the
Smith School of
Business.



Effects of interactive multimedia in distance learning

Giti Javidi and Ehsan Sheybani, 2004, In Proceedings of the IASTED International Conference WEB-BASED EDUCATION

"The advancement in technology is shaping every aspect of our life, including education. One decade ago, the Internet was not critical to education. However, now, it has become an integral part of learning process. Internet technology is having a dramatic effect on colleges and universities, producing what may be the most challenging period in the history of higher education."

"YOUNG AND WIRED, Computers, cell phones, video games, blogs, text messages -- how will the sheer amount of time spent plugged in affect our kids?"
 Katherine Seligman, San Fran Chronicle,
 Sunday, May 14, 2006



Harker student Stephanie Lil (wearing a false nametag), during language class, recording her voice in Spanish for the teacher to evaluate later. Chronicle photo by Mike Kepka

USA Today, October 3, 2006



Totally wireless on campus

Today's young digital natives can't live or study without technology. They're always plugged in, and it's changing the way they learn and interact with the world around them.

Better Technology in High Schools Raises Students' Expectations, George Washington Univ., Sept 22, 2006, Chronicle of HE, JEFFREY R. YOUNG

- **Just a few aisles down at the bookstore, Meenoch Kim, another freshman, said upper-level classrooms in her high school, back in Knoxville, Tenn., also had Smart Boards. She prefers PowerPoint presentations over writing on chalkboards, she said, because instructors' handwriting is "messy," and she often cannot read it.**



EDUCATION with Student News

powered by **DELL**

Students prefer online courses of age

Classes popular with on-campus students

Friday, January 13, 2006, Posted: 3:18 p.m. EST (20:18 GMT)

(AP) — Andy Steele lives just a few blocks from the campus of Black Hills State University in Spearfish, South Dakota, so commuting to class isn't the problem. But he doesn't like lectures much, isn't a morning person, and wants time during the day to restore motorcycles.



So Steele, a full-time senior business major, has been taking as many classes as he can from the South Dakota state system's online offerings. He gets better grades and learns more, he says, and

Andy Steele takes an online course at the library of Black Hills State Univ.

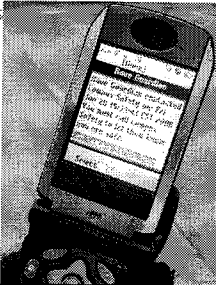
All learning in one's own hands?

USA TODAY | Home | News | Sports | Business | Entertainment | Life | Technology | World | Classifieds | Feedback

Wired for safety, late-night snacks

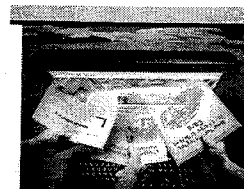


It's not just the convenience of being able to check the Internet or e-mail on the go, but the ability to stay connected to the world around them. Many students use their mobile phones to stay connected to the world around them. They use them to check the Internet, e-mail, and text messages. They also use them to stay connected to their friends and family. This is especially true for students who live in dorms or on campus. They use their mobile phones to stay connected to the world around them.



Training Magazine, October, 2006

ON DEMAND IN DEMAND



**Learning in Cafes and Pubs
USA Today, October 5, 2006**



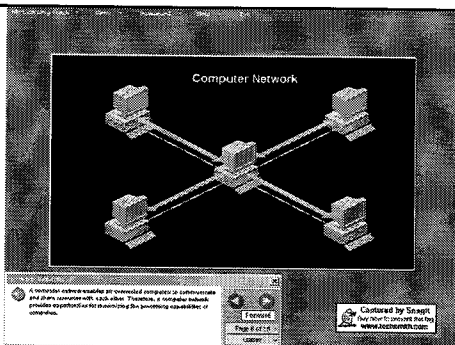
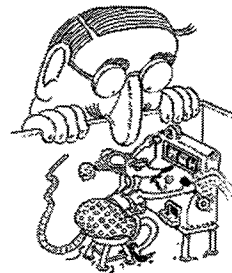
Yahoo News
Love me, love my blog," as Netorati couple-surf
BY SARA LEDWITH Thu Aug 3, 8:30 AM ET

- Nick Currie and his girlfriend Shizu Yuasa (R) surf the internet over breakfast in Tokyo in this handout photo. As the Internet evolves -- with its webcams, iPods, Instant Messaging, broadband, wi-fi and weblogs -- its image as a relationship-wrecker is changing. Now a sociable habit is emerging among the Netorati: couple-surfing. (Nick Currie/Handout/Reuters)
- "For my birthday, he upgraded my RAM and I thought it was incredibly romantic," writes Jess.

Interactivity



Behaviorist Interactivity

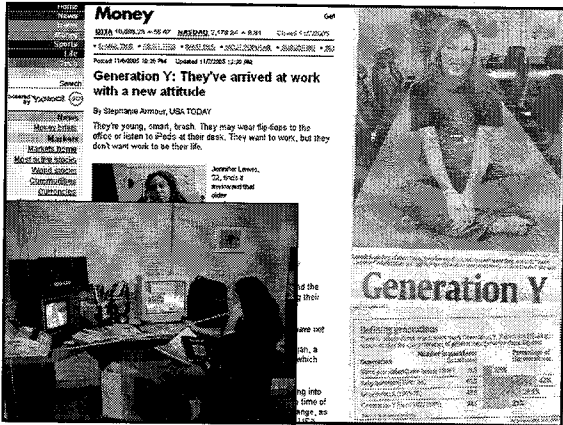


Online PowerPoint?

Simulation: Neomillennial Learner

- "The skill to be valued in the twenty-first century is not the length of attention span, but the ability to multitask - to do many things well at once.... [and] the ability to process visual information very rapidly." (Rushkoff, 1996:50)





Learner Control: Neomillennial Learner

- Xers expect a range of options, in terms of what they learn and how they learn it. They require autonomy and flexibility for their own learning. They demand a variety of instructional methods from which they can choose to learn, e.g., videotapes, self-paced modules, interactive CDs.
 - "Online gives me something to do when I'm bored with the professor."
 - "I respect myself more as a self-teacher."

• Dziuban, Moskal, & Hartman (2005)

Neomillennial Learning Styles

Planning for Neomillennial Learning Styles: Implications for Investments in Technology and Faculty
Chris Dede, Harvard University, Educause, 2005

- Fluency in multiple media--value all types of communication, activities, experiences, not a single best medium
- Actively seek, collect, and synthesize experiences, rather than absorb a single best source
- Active learning and collective reflection
- Non-linear and associated webs of learning
- Co-design of learning experiences for individual needs and preferences not pre-customized

CAMPUSMOVIEFEST.COM showcases the collab work of tens of thousands of student filmmakers from around the world

The promise of multimedia learning: Using the same instructional design methods across different media

Richard E. Mayer, Learning and Instruction, 13 (2003) 125-139.

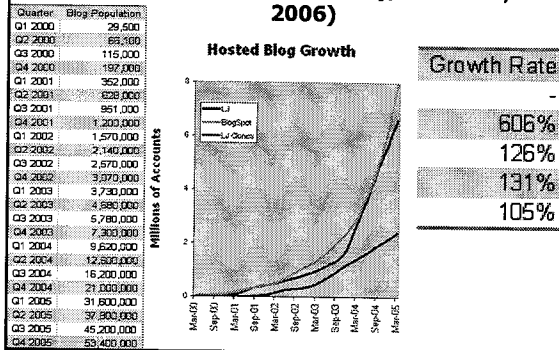
Fig. 1. A cognitive theory of multimedia learning.

Part II. Technology Trends: Podcasts and Wikis and Blogs, Oh My!!!!

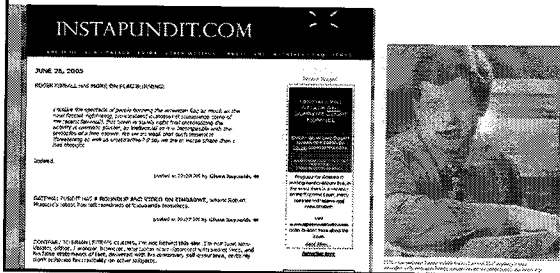
(1) Blogs, (2) Wikis, and (3) Podcasts

- Definitions
- Leading Figures
- Instructional Ideas
- Research, Data, and Other Examples

Trend #1: Blogging (75,000 new blogs each day, USA Today, March 27, 2006)



Scholars who Blog, Chronicle of Higher Ed, (Glenn Reynolds, instapundit.com; Stephen's Web, www.downes.ca)



Brandon Hall, Chief Learning Officer Magazine, July 2006

"A blog is a Web journal containing dated entries on a given topic or scheme. They can include search, feedback from readers and links to other sites. They can be written by one person or a group. Blogs can be used to share a viewpoint, enable collaborative discussion, present new product ideas, or explain ongoing news or changes."

Not Just an American Phenomemon



Tuesday • October 10 • 2006

China says number of blogs tops 34 million with 55 million regular readers

Canadian Press

Tuesday, September 26, 2006

BEIJING (AP) — The number of blogs in China has topped 34 million, more than 30 times as many as the country had four years ago, news reports said Tuesday.

Some 17.5 million people in China consider themselves Web log writers, while 55 million regularly read them, newspapers and the Xinhua News Agency said, citing a report by the government's China Internet Network Information Centre.

Web logs are hugely popular in China, where the government controls all media and the Internet offers most people the only public forum for expressing opinions. Most blogs deal with pop culture, travel, family matters and other nonpolitical subjects.

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?

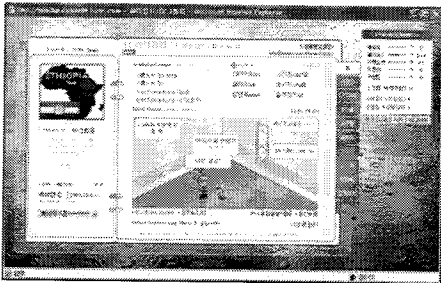
Use of Weblogs (especially English writing class)

1. **Instructor or Tutor blog:** resources, information, space to chat
2. **Learner blog:** reflections, sharing links and pics, fosters ownership of learning
3. **Partner blog:** work on team projects or activities
4. **Class blog:** international exchanges, projects, PBL
5. **Revision:** review and explode sentences from previous posts, add details
6. **Nutshell:** summarize themes or comments across blogs
7. **Blog on blog:** reflections on feelings, confusions, and experiences with blogs

Blogger Software: You have many choices!

1. **Blogger:** <http://www.blogger.com/>
2. **Diaryland:** <http://www.diaryland.com/>
3. **Live Journal:** <http://www.sixapart.com/livejournal/>
4. **Movable Type:**
<http://www.sixapart.com/movabletype/>
5. **Pitas:** <http://www.pitas.com/>
6. **TypePad:** <http://www.sixapart.com/typepad/pricing>
7. **Xanga:** <http://www.xanga.com/>

Screen shot of Cyworld. A famous South Korean blog service.



New Pew Survey Defines Today's Bloggers Jimmy Moore, July 22, 2006

- Among the different kinds of blogs out there, here is the breakdown:
- **Personal life - 37 percent** (can you say **MySpace.com?**)
- **Political - 11 percent**
- **Entertainment - 7 percent**
- **Sports - 6 percent**
- **News/Current Events - 5 percent**
- **Business - 5 percent**
- **Technology - 4 percent**
- **Religion/Faith - 2 percent**
- **Health - 1 percent**

Number of Hosted Blogs Created, by Age, 2003

	Blogs created	% of blogs created
10-12	55,500	1.3%
13-19	2,120,000	51.5%
20-29	1,630,000	39.6%
30-39	241,000	5.8%
40-49	41,700	1.0%
50-59	18,500	0.4%
60-69	13,900	0.3%
Total	4,120,000	100%

Source: Perseus Development Corporation, October 2003
©2004 ©2003 eMyTravel, Inc. www.eMarketer.com

Perseus projects that there will be over 5 million blogs by the end of this year, and over 10 million by the end of 2004. The National Institute for Technology and Liberal Education (NTLE) estimates that there were roughly 1.3 million blogs worldwide as of last month.

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

*** Screen is a computer-generated screenshot of this address.

March 30, 2006

For: The Global Web Network

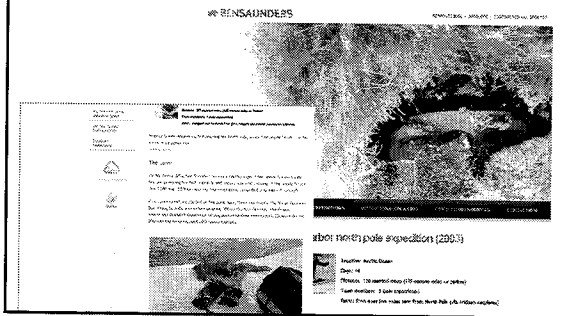


A video conversation with Martin Mazurkiewicz, the founder of eGo. At a presentation he gave at the Barack Obama Center on March 7, 2006.

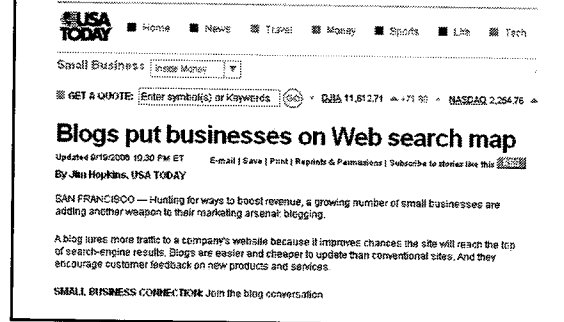
For is a global web network of individuals ("Forcasters") who provide free or low-cost web in their neighborhoods. If they choose to offer this for



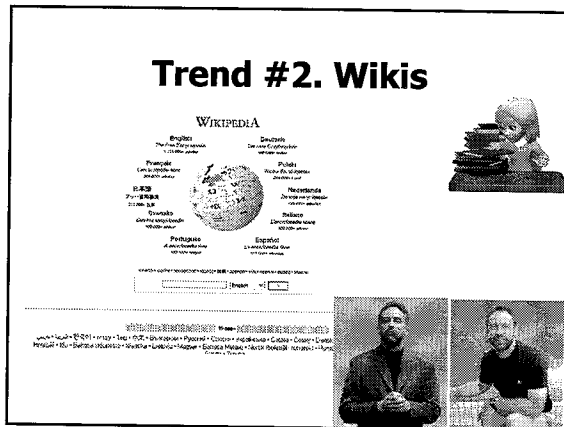
Adventure Blogging (Ben Saunders, Mark Fennell)



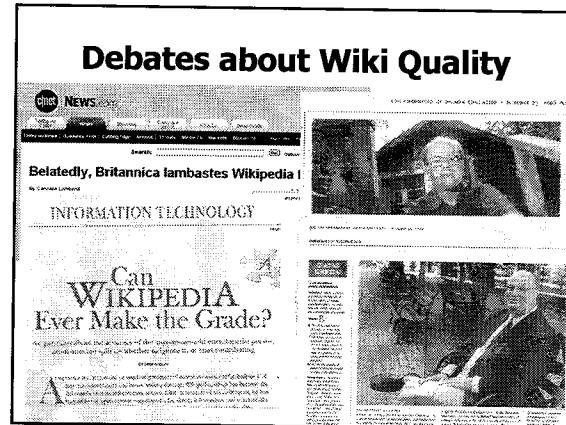
Business Blogs



Trend #2. Wikis



Debates about Wiki Quality



Brandon Hall, Chief Learning Officer Magazine, July 2006

"A wiki is a collection of Web pages that can be easily viewed and modified by anyone, providing a means for sharing learning and collaboration."

For Teachers New to Wikis

- Wikis are free, online writing spaces.
- Wikis use simple formatting rules, so no HTML understanding required.
- Highly collaborative composing and creativity
- Authors do not claim ownership
- Published online
- Wikis provide a history and anyone can revisit prior versions of text

How use in teaching

1. Provide space for free writing
2. Debate course topics and readings
3. Share resources (websites, conferences, writing, etc.)
4. Maintain group progress journal
5. Require group or class essay
6. Have student revise Wikipedia pages
7. Write a wikibook

Wiki Resources/Options

- Wikipedia
- Wikibooks
- Wiktionary
- Wikiversity
- Wikispecies
- Wikiquote
- Wikinews



What is a wiki?

- Ward Cunningham, in 1995
- The name, *wiki*, is based on the Hawaiian term *wikiwiki*, meaning "quick"
- What I Know Is



Wiki Questions

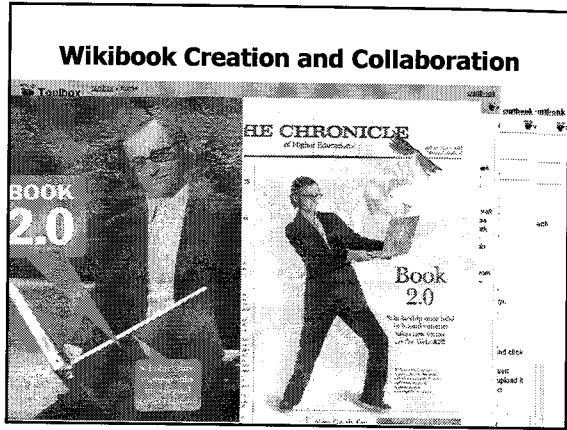
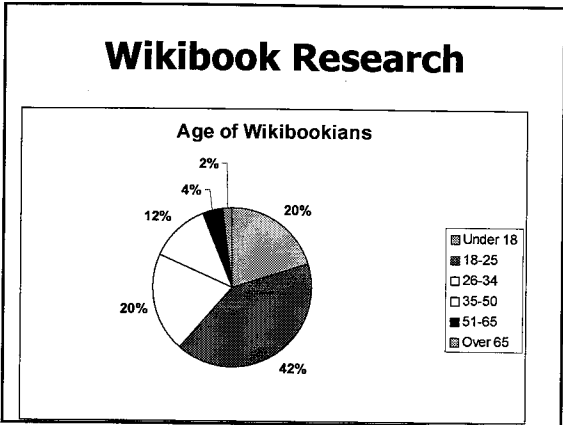
1. Who regularly reads Wikipedia articles just for fun?
2. Who regularly reads Wikibooks?
3. Who seeks Wikipedia for content?
4. Who has edited or written new articles on Wikipedia or Wikibooks?
5. Who thinks it is ok for college students to cite from Wikipedia?

Wiki farm

- A "Wiki farm" refers to a server or a collection of servers that provides wiki hosting, or a group of wikis hosted on such servers.
 - <http://www.seedwiki.com/> (public, WYSIWYG)
 - <http://pbwiki.com/> (password-protected, text editor)
 - <http://www.jot.com/> (password-protected, WYSIWYG)

How to choose?

- Source code (Text editors vs. WYSIWYG)
- Access control (password vs. open to public)
- Editing control (various levels of editing controls)
- Free vs. license fee
- RSS awareness
- Advanced features (spell-check, emoticons, blogging, polling, calendar)



Stanford Debuts Wiki of All Things Stanford October 10, 2006 Campus Technology

3. Podcasting, Webcasting, and Coursecasting (Adam Curry; www.dailysourcecode.com)

Top 5 "In" Things on Campus June 7, 2006, USA Today

iPods knock over beer mugs

Rank	Item	Percentage
1	iPod	65%
2	Beer mug	51%
3	Facebook.com	47%
4	College.com	42%
5	Text messaging	38%

Apple Plans to Inhabit Living Room The New York Times By JOHN MARKOFF and LAURA M. HOLSON Published: September 13, 2006

**Brandon Hall, Chief Learning
Officer Magazine, July 2006**

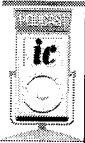
"Podcasts provide a way to distribute an audio or video episode via the Internet for playback at any time on any MP3 device or PC. Podcasts allow training in the form of event capture, new product information, sales tips, orientation, etc. to be delivered on a just-in-time, just-enough basis to anyone anywhere."

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?

**Educational Applications of
Podcasting**

1. Recordings of lectures (Coursecasting)
2. Supplemental textbook or entire book
3. Student projects
4. Interviews
5. Language lessons
6. Oral reports
7. K-12 classroom interactions
8. Downloadable library of resources
9. Recordings of performances



**Playfuls.com
July 15, 2006**



- Nielsen/NetRatings announced that 6.6 percent of the U.S. adult online population, or 9.2 million Web users, have recently downloaded an audio **podcast**. Also 4.0 percent, or 5.6 million Web users, have recently downloaded a **video** podcast. These figures put the **podcasting** population on a par with those who publish blogs, 4.8 percent, and online daters, 3.9 percent. However, podcasting is not yet nearly as popular as viewing and paying bills online, 51.6 percent, or online job hunting, 24.6 percent.

Learning TRENDS by Elliott Masie - September 18, 2006.
#402 - Updates on Learning, Business & Technology.
52,889 Readers - <http://www.masie.com> - The MASIE Center.

Fingertip Knowledge Podcast & Transcript:
One of my focus points these days is Fingertip Knowledge. You and I and most of our colleagues are increasingly using search engines, from Google to Corporate Intranets, to "walk" our way to the information or knowledge that we need.

Podcast (and Transcript) about the implications of Fingertip Knowledge and the Learning Field:

- <http://www.learning2006.com/university/>
(Duration: 20 Minutes)

Webcasts: WorldBridges Goals

What is Worldbridges?

- Worldbridges is a network of individuals and organizations that use live, interactive webcasting and other new media technologies to help people connect, learn, & collaborate. (Webheads, Koreabridge, Worldbridges Tibet, EdTechTalk, etc.)

Goals & Values

- Our primary goal is to foster understanding and cooperation amongst the citizens of the world. We value civility and respect, open source collaboration, fair distribution of income, and a sense of world identity.

Coursecasting: Purdue and IU

Podcasts coming to IU
University is using iTunes for lectures, educational content
by Zack Tebbel | Indiana Daily Student | Monday, July 17, 2006

Apple iPods are for more than just music. This fall, students will be able to listen to the previous lecture on the way to class and receive additional video and audio content from their homes, thanks to a new podcast service set up through OnCourse, with help from Purdue U and University Information Technology Services.

Podcasting is essentially to audio content what TV is for TV, but podcasts are free. Currently, thousands of free podcasts are available at iTunes with audio content covering a wide range of news and sports programs, including the comedy satire "The Onion," and even the Harry Potter series.

To access the information IU will implement, all students need is a free version of Apple's popular music software, iTunes, and access to OnCourse.

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

"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)

Language Learning (ChinesePod—learn Mandarin)

Learn Mandarin on Your Terms

Podcast Archive

Learn 34 Chinese Verbs
Published: 2006-08-23
by Jenny Zhu

Other Languages and Courses

Stanford on iTunes
Stanford University and Apple are pleased to offer university-related audio content via iTunes.

Listen: iTunes, PodcastAlley

Education: Featured Podcasts

Podcasts and Wikis and Blogs Oh My! (Find papers as PublicationShare.com archived Talks at TrainingShare.com)

James Bonk