

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

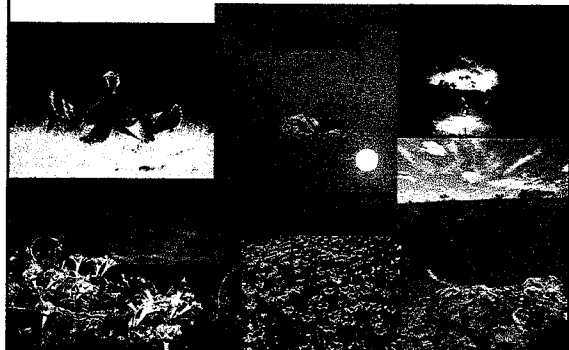
**Curt Bonk, Professor, Indiana University  
President, SurveyShare, Inc.**  
 cjbonk@indiana.edu  
<http://mypage.iu.edu/~cjbonk/>  
<http://SurveyShare.com>




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



**E-Learning Not in Kansas?**




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



**I have seen it in Indiana!**



**Telegraph:  
Flattening the world in 1860**



**Blogging now begins young**

By Ashley Bleimes

LIBERTY, Mo. — In a classroom at South Valley Junior High School, eighth-grade students are gathered around a computer monitor. They are looking at a weblog discussion related to the Civil War historical-fiction book 'Guerrilla Season'.

At South Valley Junior High School in Liberty, Mo., eighth-grade students Tayler Bernholtz, left, Amy Lostron and Kelsey Cardiff check out a weblog discussion related to the Civil War historical-fiction book 'Guerrilla Season'.

**Eighth-grade students Tayler Bernholtz, left, Amy Lostron and Kelsey Cardiff check out a weblog discussion related to the Civil War historical-fiction book 'Guerrilla Season' At South Valley Junior High School in Liberty, Mo. (Blogging now begins young USA Today, By Ashley Bleimes, USA TODAY, November 15, 2006, 12D). [http://www.usatoday.com/life/2006-11-14-blogs-education\\_x.htm](http://www.usatoday.com/life/2006-11-14-blogs-education_x.htm)**

## Schools of the 1880s

A collage of historical photographs showing school buildings and students from the 1880s. The images include a large group of students in a classroom, individual portraits of students, and exterior views of school buildings.

## I'm a librarian

A photograph of a woman, likely a librarian, smiling and interacting with a child in a library setting. The woman is pointing at a book on a shelf, and the child is looking at it with interest.

## Constantly hit on the head about integrating technology...

Accelerate Learning

**Teach Trends**  
Accelerate Learning

Teach the Modern Way!

Examining the historical aspects of technology in education.

Springer

## Technology of the 1980s

A photograph of a vintage desktop computer system from the 1980s, featuring a CRT monitor, a keyboard, and a system unit.

**The New Endy 1000 EX**  
Completes with our Color Monitor and an extra charge.  
Only \$799

**EyeQin**

## Entice Students with Technology Giveaways

A collection of modern mobile devices including a Gateway M275 tablet PC, a Blackberry 7510 PDA, and a mobile phone.

**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 7510 PDA, University of Maryland**  
The school has begun handing out the wireless personal digital assistants to faculty and more than 200 full-time graduate students in the Smith School of Business.

### Simulation: Xer

- "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)

**Money**  
 USA 10.96.02 - 95.47 HISSDAQ 2.7924 + 0.01 Closed 1/17/2005  
 \* Earnings: 12.25 + 23.00 Div: 0.00 Jan \* 2005: 12.25 + 23.00 Div: 0.00  
 Panel 11/20/05 10:29 PM Volume 11/20/05 10:29 AM

**Generation Y: They've arrived at work with a new attitude**  
 By Stephanie Armour, USA TODAY  
 They're young, smart, brash. They may wear flip-flops to the office or listen to iPods at their desks. They want to work, but they don't want to be their life.

**Generation Y**  
 By Glenn Dicks, USA TODAY  
 This is Generation Y, a force of as many as 70 million, and the first wave is just now embarking on their careers — taking their place in an increasingly multigenerational workplace.

**Defining generations**  
 There is a lot of talk about the new generation, but what exactly is it? Here's a breakdown of the different groups, their characteristics, and their share of the workforce.

Generation	Number of members (in millions)	Percentage of the workforce
Generation X (1965-1979)	43.7	24.0%
Generation Y (1980-1994)	41.5	25.0%
Generation Z (1995-2009)	11.5	2.1%

### Learner Control: Xer

- 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

### Dual Coding Theory

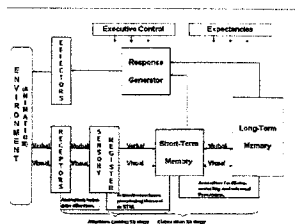
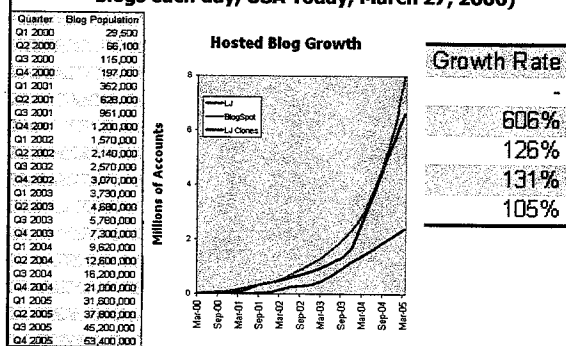


Figure 1. A Model of Learning and Memory Underlying Video Instruction  
 Revised from "The Basic Model of Learning and Memory Underlying Video Instruction"  
 Processing Theories" by R. M. Glaser and M. P. Driscoll, 1982. *Journal of Instructional Development*, 5(1), 1-12

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



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



### #1. Blogs

Stephen Downes (2004)

"A blog...is and has always been more than the online equivalent of a personal journal...But a blog is also characterized by its reflection of a personal style, and this style may be reflected in either the writing or the selection of links passed along to readers. Blogs are, in their purest form, the core of what has come to be called *personal publishing*. (p. 18)."

### Blogging Questions

1. Who has a blog?
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?

### 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/>

### 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](http://www.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

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

- Most bloggers are young, 18-30 year olds
- Most bloggers spend hours on Internet per day
- Most bloggers share their personal experiences
- Most bloggers write daily or almost daily
- Most bloggers LOVE to write and are good at it
- Most bloggers never published their writings b4
- Most bloggers have a full-time job (and it's not blogging!)

## Not Just an American Phenomenon (China, Korea, etc. too!!!)



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

London Press

Tuesday, September 26, 2006

BEIJING (AP) — The number of blogs in China has topped 34 million, more than 50 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 Kinohua News Agency said, citing reports by the government's China Internet Network Information Centre.

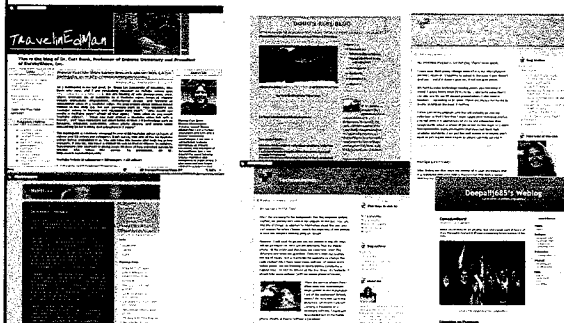
Web logs are hugely popular in China, where the government controls a media and the Internet often sees people the only public forum for expressing opinions. Most blogs deal with pop culture, travel, family matters and other "hanging local subjects."



## Class Uses 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

## Blogs with Critical Friends (e.g., <http://travelinedman.blogspot.com/>)



## Personal Learner Weblog (Bonk, 2007; Mei-Ya Liang, 2007)

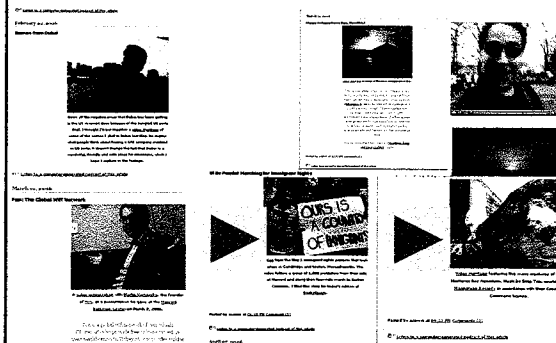
1. Create personal learner blogs.
2. Note online learning materials found or read (e.g., online news sites, Web search engines, online dictionaries, etc.)
3. Outline of key points of readings.
4. Write reflections on news stories.
5. Record results of group activities in news sites and text chat rooms.
6. Provide peer comments on blogs.

## Course Weblog

(Bonk, 2007; Mei-Ya Liang, 2007)

1. Create a class blog site (e.g., using Blogger (<http://myliang.blogspot.com/>)) to create a sense of instructor presence and to link people from all over the world.
2. Post assignments and instructional prompts.
3. Group projects and news summaries are posted.
4. Add course related links for online materials, resources, tools, and Websites.
5. Add instructor's profile with bio and contact info.

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





### Blended Solution #19. Reflection on Online Contents: The Carlyle Letters Exploring Victorian World Through Letters and The Diary of Samuel Pepys, John Evelyn

### Classrooms go high-tech

By Erin Stewart  
Deseret Morning News  
March 6, 2007

**One of Michelle Tanner's deaf students at Gerald Wright Elementary holds an iPod and watches a video of her signing the week's vocabulary words. (Michelle is a teacher with the Utah Schools for the Deaf and the Blind at Gerald Wright Elementary)**

### Adventure Blogging

(Ben Saunders, Mark Fennell, Andrew Revkin)

Science *The New York Times*

CLASHING TRENDS THE FINAL DAY GRAPHIC FEEDBACK | RELATED ARTICLE

#### Testing the Tundra

PLAYING PAUSE OFF

Images compiled from satellite data show the changes in the extent of the North Pole's summer ice cap from 1979 to 2005.

Andrew C. Revkin is a reporter for the science section of The Times. He recently traveled to the North Slope of Alaska with a digital recorder.

### Adventure Blogging: North Pole Marathon

### Business Blogs

ELISA TODAY

Home News Travel Money Sports Life Tech

Small Business Inside Money

ELISA 44 612 71 471 801 MARCH 20 2008 06:34

Micro-Strategy, Epic, Web

Can't Confront David's Adventure Update

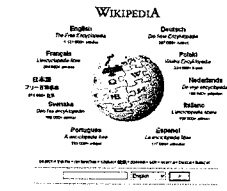

Find my adventures in San Francisco, but when in my computer for the month of August. These included: (at the end of the page, link to San Francisco for San Francisco)

Micro-Strategy, Epic, Web

Can't Confront David's Adventure Update



Find my adventures in San Francisco, but when in my computer for the month of August. These included: (at the end of the page, link to San Francisco for San Francisco)

## Trend #2: Wikis





## The Year of Wikipedia Controversy

Chronicle of Higher Ed: January 26, 2007





**Co-Founder of Wikipedia, Now a Critic, Starts Spinoff With Academic Editors**



## What is a wiki?

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




## 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."**


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

**"Wikis can be used to create content on-the-fly, as a repository for information and for archiving group learning. Benefits include speed, simplicity and a sense of ownership among participants."**




## 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




## Wiki Questions




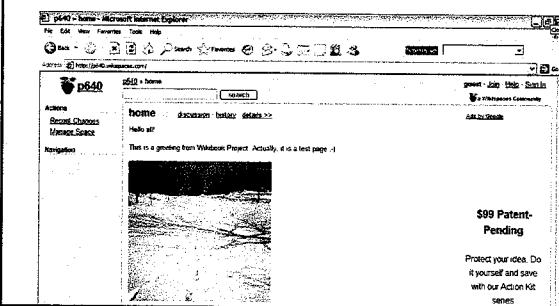
1. Who regularly reads Wikipedia articles just for fun?
2. Who regularly reads Wikibooks?
3. Who seeks Wikipedia for content?
4. Who has edited or written new articles on Wikipedia or Wikibooks?
5. Who thinks it is ok for college students to cite from Wikipedia?

## How use in teaching

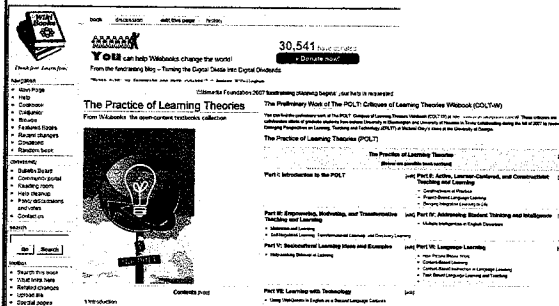
1. Provide space for free writing
2. Debate course topics and readings
3. Share resources (websites, conferences, writing, etc.)
4. Maintain group progress journal
5. Require group or class essay
6. Have student revise Wikipedia pages
7. Write a wikibook



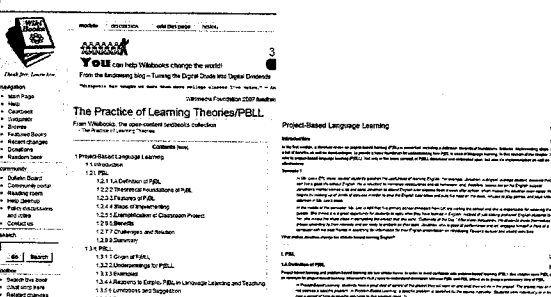
## Wikibook Creation and Collaboration

## P540: The Practice of Learning Theories (The POLT)



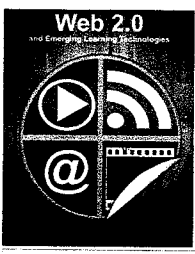
## P540: The Practice of Learning Theories (The POLT)



## Blended Solution #16. Wikibooks (Web 2.0 and Emerging Learning Technologies (The WELT))

Web 2.0 and Emerging Learning Technologies

From Wikibooks, the open-content textbooks collection



### Table of Contents

Web 2.0 and Emerging Learning Technologies

Please LOG IN or create an account

(Remember? I already have an account)

<p><b>Part I: Foundations</b></p> <ul style="list-style-type: none"> <li>1. Introduction</li> <li>2. The history of learning theories</li> <li>3. Learning theories and the future of education</li> <li>4. Learning theories and the future of education</li> <li>5. Learning theories and the future of education</li> </ul>	<p><b>Part II: Instructional Design and Pedagogical Issues</b></p> <ul style="list-style-type: none"> <li>1. Instructional Design and Pedagogical Issues</li> <li>2. Instructional Design and Pedagogical Issues</li> <li>3. Instructional Design and Pedagogical Issues</li> <li>4. Instructional Design and Pedagogical Issues</li> <li>5. Instructional Design and Pedagogical Issues</li> </ul>	<p><b>Part III: Instructional Design and Pedagogical Issues</b></p> <ul style="list-style-type: none"> <li>1. Instructional Design and Pedagogical Issues</li> <li>2. Instructional Design and Pedagogical Issues</li> <li>3. Instructional Design and Pedagogical Issues</li> <li>4. Instructional Design and Pedagogical Issues</li> <li>5. Instructional Design and Pedagogical Issues</li> </ul>
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## Fall 2007: Web 2.0 and Emerging Learning Technologies (The WELT)


[http://en.wikibooks.org/wiki/Web\\_2.0\\_and\\_Emerging\\_Learning\\_Technologies](http://en.wikibooks.org/wiki/Web_2.0_and_Emerging_Learning_Technologies)

Web 2.0 and Emerging Learning Technologies/Digital Divide

From Wikibooks, the open-content textbooks collection

**Contents page**

- 1 Overcoming the Digital Divide (e.g., One Laptop Per Child, The Global Text Project)
- 2 Projects to Promote Technology Use in the U.S. and Other Countries
- 3 Defining the digital divide
- 4 The digital divide in the classroom
- 5 The digital divide in the global context
- 6 Overcoming the digital divide
- 7 References



**Overcoming the Digital Divide (e.g., One Laptop Per Child, The Global Text Project)**

**Projects to Promote Technology Use in the U.S. and Other Countries**

## Sample Wikibooks

[http://en.wikibooks.org/wiki/Main\\_Page](http://en.wikibooks.org/wiki/Main_Page)

Happy New Year, Everyone!

Social and Cultural Foundations of American Education/Second Edition/11.3.1

From Wikibooks, the open-content textbooks collection

**Contents page**

- 11.1 The Internet
- 11.2 Teaching with Computers
- 11.3 Using the Internet
- 11.4 Using the Internet in the Classroom
- 11.5 Cultural Foundations
- 11.6 Classroom
- 11.7 Classroom
- 11.8 Classroom
- 11.9 Classroom
- 11.10 Classroom
- 11.11 Classroom
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- 11.100 Classroom

**Pros and Cons of the Internet in the Classroom**

Edited by David...

by Kymber...

**The Internet**

The technology revolution in the past few years has been many things in the world of technology. To some people are able to communicate via thousands of miles with the greatest of ease. The internet connects nearly 400 million users worldwide and is an essential part of how we work, play, communicate and conduct commerce. Computers enable us to gather and send information back and forth, which is accompanied by sending and receiving electronic impulses and sending them via messages. In order to communicate with one another the computers are hooked up in a network. They are then able to access information...

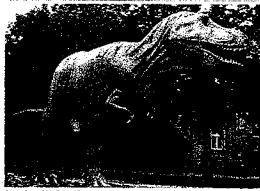
## Sample Junior Book (Dinosaurs)

[http://en.wikibooks.org/wiki/Main\\_Page](http://en.wikibooks.org/wiki/Main_Page)

Happy New Year, Everyone!

You can give the gift of knowledge by donating to Wikibooks!

Image:Saurier2.jpg



Sourced by COOPER, MARC from Wikimedia Commons. The description on its description page there is shown below.

## Wiki-RIKI Research Team

Online Language Learning

The internet is a rich source of language learning resources. However, finding the right resources can be a challenge. The Wiki-RIKI Research Team is dedicated to providing a comprehensive list of online language learning resources. This list includes resources for various languages, including English, Spanish, French, German, and Japanese. The resources are categorized by language and type of resource, such as textbooks, audio materials, and interactive tools. The team also provides information on how to use these resources effectively and how to contribute to the project.

## Compare Wikipedia and Wikibooks

<http://en.wikipedia.org/wiki/Special:Statistics>  
<http://en.wikibooks.org/wiki/Special:Statistics>

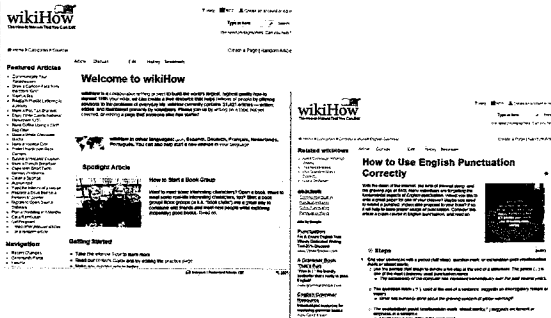
Characteristic	Wikipedia	Wikibooks
<b>1. Date Launched</b>	January 15, 2001	July 10, 2003
<b>2. Historical Statistics (as of March 24, 2007):</b>	8,104,148 pages 6.4 million articles 1,703,263 articles in English 250 languages 121,944,043 edits 15.05 edits per page 700,001 media files 3,932,542 registered users 1,155 system admins	71,800 pages 24,985 modules or chapters Over 1,000 books, the largest category in English 120 languages 817,941 page edits 11.26 edits per page 55,110 registered users 36 system admins

## WikiHow

<http://www.wikihow.com/>

Welcome to wikiHow

How to Use English Punctuation Correctly



## Change it, it's a Wiki!

The screenshot shows a Wikipedia article for Brian J. Ford. The article text is partially visible, mentioning his role as a faculty member and his involvement in various committees. The 'edit' button is clearly visible at the bottom of the article content.

## Unencyclopedia

The screenshot shows the homepage of Unencyclopedia. It features a search bar at the top, a navigation menu on the left, and a main content area with several article teasers. One prominent article is titled 'UnBooks: Travel guide to New Jersey'.

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

The screenshot shows the main page of the Stanford Wiki. It includes a navigation menu on the left with categories like 'Main Page', 'Current events', and 'Random page'. The main content area has a welcome message and several sections of interest, such as 'Life is More than Studying' and 'Academics'.

## Wiki Novels

The screenshot shows a Reuters news article titled 'Publisher launches its first "wiki" novel'. The article discusses a new collaborative model for publishing novels, where the text is written and edited by multiple authors simultaneously.

## 3. Podcasting Chronicle of Higher Education February 9, 2007

### Organizational with Podcasts

The image shows a person wearing a white shirt with a 'WARNING' sign that says 'This recording may be recorded.' They are holding a mobile device. In the foreground, a hand is holding a CD or DVD, symbolizing digital content and recording.


## Educational Applications of Podcasting (Essex, 2006, Leftwich, 2007)

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

The image shows a mobile phone with a 'PODCAST' icon on the screen, illustrating the application of podcasting in education.

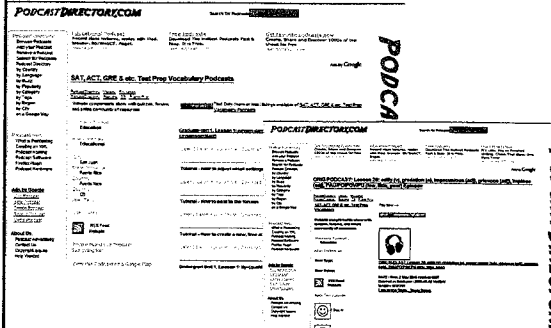
**For hot author's latest, get out your headphones, Sept 12, 2007, USA Today, David Lieberman**

**Audible says the novel— which Deaver describes as "*The Day of the Jackal* meets *The Da Vinci Code*" — will be the first major work of fiction created to be introduced only as an audio download.**



audible.com

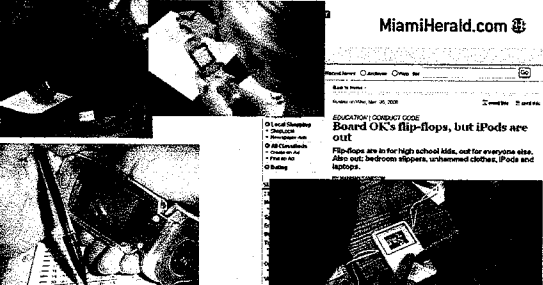
## GRE on Podcast!



PODCAST DIRECTORY

### Poll: Should kids be allowed to bring mobile phones, MP3 players (iPods) to school?

MiamiHerald.com



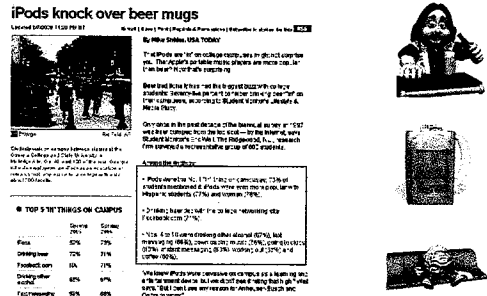
EDUCATION / STUDENT CODE  
**Board OK's flip-flops, but iPods are out**

Flip-flops are in for high school kids, out for everyone else. Also out: bedroom slippers, unbuttoned clothes, iPods and laptops.

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

**iPods knock over beer mugs**

By Mike Soltan, USA TODAY



**TOP 5 "IN" THINGS ON CAMPUS**

Thing	Score	Score
Flip-flop	82%	79%
Beer mug	70%	51%
Facebook.com	65%	21%
Smartphone	62%	48%
Podcasting	52%	48%

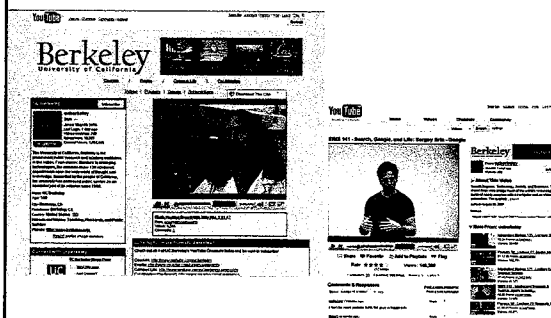
Survey taken June 7, 2006. Sample size: 1,000.

## 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?



### Blended Solution #3. Post Courses in YouTube and iTunes (e.g., Berkeley)



University of California Berkeley

