The Internet in Schools

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Education, Teaching, Learning

"If teaching was telling, we'd all be so smart we wouldn't know what to do."

-- Robert Mager

The Internet in Education

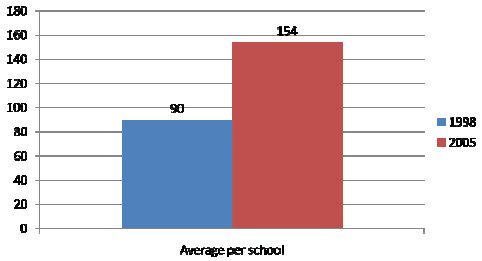
- The benefits
- The issues
- The wish list

Access Is Not The Issue For Schools

- Most (probably all) schools have access
- Digest of Education Statistics: 2008
  - http://nces.ed.gov/programs/digest/d08/

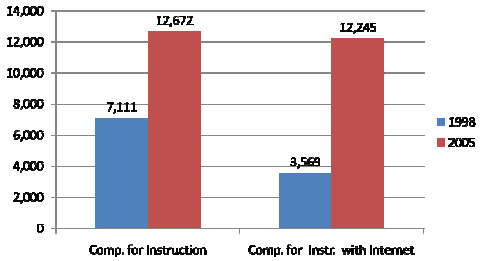
ies NATIONAL CENTER FOR EDUCATION STATISTICS | U.S. Department of Education Institute of Education Sciences

Instructional Computers



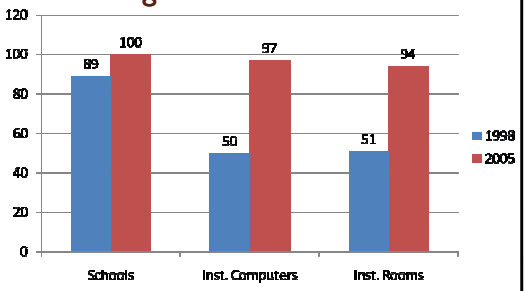
SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), Internet Access in U.S. Public Schools and Classrooms: 1994–2005.

Number of Computers in Schools (In Thousands)



SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), Internet Access in U.S. Public Schools and Classrooms: 1994–2005.

Internet Access in Schools: Percentage of…



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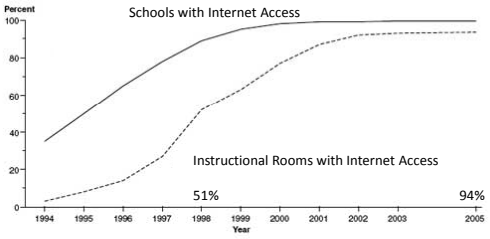
Growth of Instructional Access to the Internet



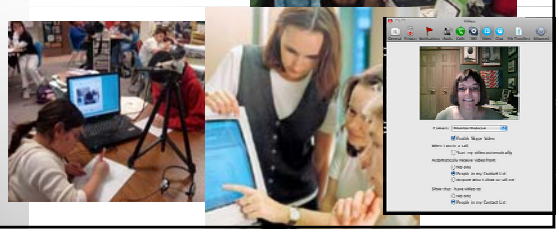
SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), Internet Access in U.S. Public Schools and Classrooms: 1994–2005.

The Benefits of Access

- Examples, examples, examples
- Real time research
- Current information

More Benefits of Access

- Pedagogical agility
- Connections to the world



Concerns with Access

- Inappropriate content
  - Pornography
  - Hate sites
- Wrong content
  - No referees
- Plagiarism
  - Accidentally or on purpose

Issues that schools struggle with

- Viruses
- Safety
- Community concerns
- The Digital Divide

Issues that Teachers Struggle With

- Blocked content
  - Email
  - Useful sites
  - Who is blocking
- Accidents of Access
  - Ads
  - Parental concerns
  - Community concerns

Issues that students struggle with

- Digital Immigrants teaching Digital Natives
- Holding access to the Internet, but not being able to use it
- Gag phones?

New things to teach in schools

- Digital etiquette
  - We don't write friendly letters any more
- Digital citizenship
  - Protecting yourself online
  - Not being a jerk
- Evaluating sources

Things that Teachers Use Now

- Skype
  - http://skype.com/
- United Streaming
  - http://streaming.discoveryeducation.com/
- FaceBook
  - http://facebook.com
- 4teachers.org
  - http://4teachers.org/
- Web 2.0
  - http://www.go2web20.net/

Things that Teachers Use Now

- Google Everything
  - http://docs.google.com
  - http://www.google.com/squared/
- Social Bookmarking
  - http://delicious.com/.
- Blogs
  - http://blogger.com
- Wikis
  - http://www.wikispaces.com/

The Wish List

- Time
- Training
- YouTube
- Google images
- Community buy in
- To not show up in the paper if a reasonably justifiable Internet accident happens

IMnsHO

- Web 2.0 can save us a lot of money
  - http://polleverywhere.com
  - Google Docs
  - YouTube
- The future of the Internet in schools is the phone
- We need to understand the history and culture of the WWW
  - And create policy that reflects it
- Using the Internet for student manifestation of learning will save the world

Questions? Comments?

Images used (I make students do this too)

- http://spout.files.wordpress.com/2009/08/texting.jpg
- http://www.kyb.mpg.de/de/ernstgroup/learning_logo.jpg
- http://www.nw3c.org/blog/images/CommunityInternetSafetyEducationProgram_F9A4/clip_image0014.png
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