A Dozen Geeky Things

Leslie Dare, Ed.D.
Division of Student Affairs
NC State University

Human Resources Professional Development Conference
March 3, 2009
Top Event in the Millennium
Top Event in the Millenium

1455 – Gutenburg Prints the Bible
Emergence of the Digital Age

The Computer Age
Internet Revolution
The Future is Now
Star Trek is no longer Science Fiction
What Are You?

★ Digital Natives
Those who grew up with today’s technology

★ Digital Immigrants
All the rest of us!
Digital Natives

★ Multi-task
★ Graphics Before Text
★ Instant Gratification
Impact on Us

- Infrastructure/Pedagogy built by Immigrants
- Adaptation is critical
- Natives unlikely to “revert”
- Immigrants need to re-evaluate values
Geeky Thing #1: Web 2.0

★ Web 1.0: Web as Information
  (static, one-way)

★ Web 2.0: Interactive Web
  (dynamic, two-or-more-way)
★ Blogs
★ Wikis
★ Podcasts
★ RSS Feeds
★ Social Bookmarking
★ Web-based services and programs
Geeky Thing #2: Texting

Thirteen-year-old national champ, Morgan Pozgar, typed the game-winning phrase (in 42 seconds) that contained the longest word in the English dictionary: supercalifragilisticexpialidocious.

Morgan had plenty of practice leading up to the Championship because she sends over 4,000 texts monthly.
Geeky Thing #3: Image Sharing

The best way to store, search, sort and share your photos.
PB&J 101
05:01
Instructions for making a peanut butter and jelly sandwich.
Tags: peanut butter jelly pbj pb&j
Views: 1,163
Comments: 8
Rating: ★★★★☆☆☆☆
9 ratings
Added: November 06, 2006, 10:02 AM
Broadcast: Public | Live!
Raw File: pbj.mov
URL: http://www.youtube.com/watch
Geeky Thing #4: Tagging

★ Tagging is

❖ Short, free-form labels
❖ Keywords
❖ Helps with organizing information

★ Tagging is used with

❖ Blogs and Wikis
❖ Image Sharing
❖ Podcasts
❖ RSS Feeds
❖ Social Networks
Geeky Thing #5: Twitter

★ Brief text updates (fewer than 140 characters)
★ Published via text message, IM, email, web
★ Twitter is one example of “micro-blogging”
  - Facebook News Feeds
  - LinkdIn Network Updates
  - Identi.ca, Plurk, Jaiku, others
lesliedareNCSU: Taking a screen shot of this account to add to my "Dozen Geeky Things" presentation for the HR conference.  
less than 5 seconds ago from web

usauussie: lunch!  
13 minutes ago from digsby

jennychin chin: Feeling kind of upset that I have to turn on the space heater in my office to counteract the AC that is blowing way too cold!  
30 minutes ago from web

ncsumarit: Deeply disturbed to realize it's 11:22, not 10:22 as my analog wall clock says... whole morning gone.  
30 minutes ago from twhirrl

damanlovett: High Task Mode, but there is always for business: http://bit.ly/ph5Ni  
about 1 hour ago from TweetDeck

arlydwycsk: I love my new grapefruit dismantlement tool. Best $6 I ever spent.  
about 1 hour ago from web
Geeky Thing #6: Social Bookmarking

- Saving bookmarks to a public website
- Tagging others' bookmarks
- Exploring others' bookmarks and sharing
Geeky Thing #7: Online Social Networks

★ Online community made up of individuals who have created a profile with information about themselves

★ Several tools available within the network – groups, messages, notes, friends, photos, feeds, profile information

★ Facebook is the most popular, but now many others for all ages and interests
Geeky Thing #7: Online Social Networks

★ Online Social Networks are

❖ Addictive
❖ Loved/Hated by College Students
❖ Used by almost 100% of college students
❖ Fraught with safety and security issues
Copyright Infringement

Copyright Infringement is

- Downloading, copying and/or sharing copyrighted material
- Music, games, movies
- The digital version is referred to as “Illegal File Sharing”
- Violation of federal law and university policy
- Primarily a student issue, but employees are doing it too
Copyright Infringement at NC State

- NC State was #2 on the RIAA’s list of Top 25 violators
- 114 students have been sued by the RIAA
- 4,580 infraction notices from RIAA since 2002
Geeky Thing #9: Net Neutrality

Net Neutrality is

- Guiding principle that preserves the free and open Internet
- Prevents Internet providers from speeding up or slowing down Web content based on its source, ownership or destination
Geeky Thing #9: Net Neutrality

★ The Debate

❖ Phone and cable companies want to reserve “express lanes” for their own content and service

❖ Possible action by Congress on this issue

❖ Higher Education supports Net Neutrality

❖ Web innovators support Net Neutrality (Earthlink, EBay, Google, Intel, Microsoft, Facebook, Skype and Yahoo)
Geeky Thing #10: Virtual Worlds

★ Online environment
★ Can mirror the real world, or can be a fictional world
★ Users create avatars (alternate online identities) to participate
★ Initially for entertainment, sometimes gaming
★ Significant potential as a learning environment
★ Second Life is the primary example
Geeky Thing #11: Clickers
Geeky Thing #12: Net Savvy

★ Today’s students (The Net Generation) are

❖ Very experienced with technology
❖ Very comfortable with technology
❖ Adopt new technologies with ease
❖ Prefer online communication, services, programs
❖ Prefer that faculty use technology heavily web content
Geeky Thing #12: Net Savvy

But they aren’t necessarily

- Thinking critically about accuracy and validity of web content
- Using technology efficiently
- Considering ethical and legal implications of tech use
- Considering safety and security implications of tech use
More Geeky Things

★ Applications

❖ Mapping (Google Earth)
❖ Feed Readers (Google Reader)
❖ Jott (online voice transcription)
❖ Web-based photo editing

★ Philosophies

❖ Creative Commons (open copyright)
❖ Citizen Journalists (impacting news)
❖ Cult of the Amateur (v. expert)
More Geeky Things

★ Geeky terms
  ❖ Digeratti
  ❖ Technorati
  ❖ Presearch (Wikipedia)

★ Gadgets/Hardware
  ❖ iPhone
  ❖ Internet over electrical lines
  ❖ Internet on airplanes
  ❖ Google Gas Pumps
Geeky Websites

★ Way Back Machine
http://www.archive.org/web/web.php

★ Delicious
http://delicious.com/ladare

★ PB & J video on YouTube
http://www.youtube.com/watch?v=eMVfFhFydpQ
The End!

Send your questions & comments to: ladare@ncsu.edu