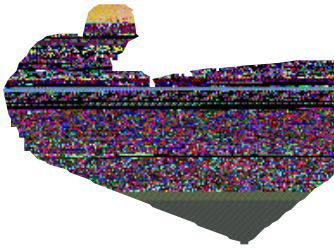


Encouraging Campus & District Level Technology Integration



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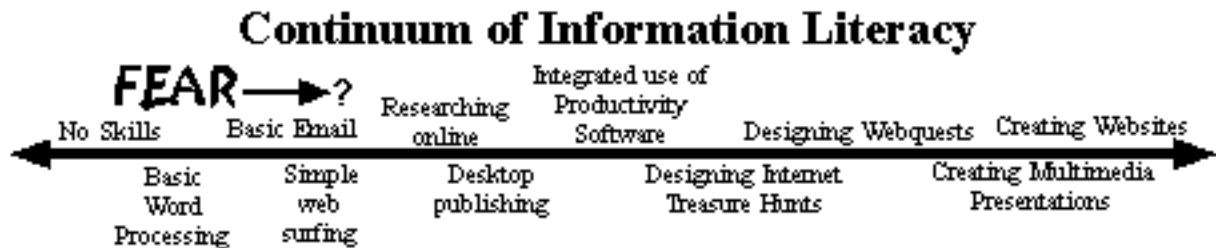


Referenced resources are online at:
www.wtvi.com/teks/integrate

OUTLINE

1. Overview of Information Literacy

1. Technology is a tool (a means), not an end
2. Living in the Information Age / Network Economy
3. "Six A's Approach-- Not just collecting information: what do you do with it when you get it?!"
4. Old models:
 1. Computer literacy as a separate subject
 2. 5 core apps: database, spreadsheet, word processing, keyboarding, MM presentations
5. Literacy continuum:



6. Key: Encourage integration into classroom curriculum

2. Brainstorm Challenges to the Tech Integration Process (follow "The RODENT Rules")

1. R - Rapid -- as many ideas as rapidly as possible
2. O - Outrageous ideas -- nothing is too far fetched, because a really wild or silly idea may lead to something else realistic
3. D - Defer comment or judging -- No positive OR negative comments such as "Good idea," "We've done that," "Yuck," etc.
4. E - Exaggerate - Piggyback on someone else's idea, or exaggerate it in any way. No ownership of ideas
5. N - Numerous -- get as many ideas as possible within the time provided
6. T - Time phased -- Use a timer that all can hear, and brainstorm for no more than 2 minutes. If the ideas are still flowing, add one more minute. Then add one more minute if needed. If there aren't very many ideas, then there's likely some agreement on the focus.

3. Modeling: Prioritizing and Synthesis (Inspiration: www.inspiration.com)

4. Creating a Climate of Collaboration

1. Encourage teachers to reject the "dummies mentality" (no dumb questions)
2. Find something that a teacher likes and show how technology can help
3. Gradebook, email, leads to "buy in"
4. Avoid techno-lust
5. Don't judge teachers not using technology as necessarily poor teachers!
6. Adopt a model of technology integration support
 1. Pull-out Lab (with facilitator) or Half pull-out, half literacy classes
 2. Periodic meetings / sharing times between teachers

5. Hardware/Software/Networking: Essential Terms and Concepts

1. Networking: LAN - WAN - Intranet - Internet
2. Ethernet network

3. Hard Drive / RAM / Processor Speed
4. Benefits of networking: shared printing, internet access, shared files
5. Cross Platform issues: ClarisWorks/AppleWorks, Office
6. You do NOT have to have all the "latest and greatest"

6. Sample Student Projects

1. Use student templates/stationary instead of starting from scratch
2. Draw/Paint Possibilities in ClarisWorks / AppleWorks

7. Computers in the Classroom: Essential tools and skills

1. Computer projection options (Averkeys)
2. Offline browsing: do it now!
3. Tools: Zip drive, external hard drive, ethernet network

8. Managing Student Internet Access

1. Acceptable Use / Permission forms
2. Becoming an Internet Ambassador
3. Not printing directly from the web (students)- copy and paste instead
4. Net Print for Mac (www.93.pair.com/johnmoe)
5. Ways to direct student access (WP hyperlinks, bookmarks, intranet)
6. Kid-safe search engines
7. Older browsers in slower machines

9. Web Publishing

1. What do I need to do it?
2. Define your objectives
3. Tools: WYSIWYG editor like Filemaker Homepage (www.wtvi.com/html) and One Click for Mac (www.terrymorse.com)

10. Brainstorm in groups best practical ideas from this workshop

1. Type with Quickpads
2. Demo data import with Quickpads (www.h45.com)

11. Internet Resources for Educators

1. Tools for the TEKS update subscriptions (www.wtvi.com/teks)
2. Blue Web'n: Links to over 800 online learning applications categorized by audience, content area, and type. (www.kn.pacbell.com/wired/bluewebn)
3. Kathy Schrock's Guide for Education (www.capecod.net/schrockguide)
4. Education World (www.education-world.com)
5. PlanetK-12 - Your Web. Your Way (<http://planetk-12.planetsearch.com>)
6. Busy Teachers Website (www.ceismc.gatech.edu/busyt/homepg)
7. Middle School Links and much more (www.middleweb.com/Links.html)
8. Best Sites from Classroom Connect (www.classroom.net/Grades)
9. The Education Place (www.eduplace.com)
10. Webquest Search (<http://edweb.sdsu.edu/webquest/matrix.html>)
11. Creating web based lessons (www.esc20.net/techserv/projects)

12. Advice: Top 10 Ways to Promote Tech Literacy & Integration

1. Buy and use a laptop
2. Get on the internet at home
3. Learn to use email and check it daily
4. Learn to use the computer as a productivity tool (lesson plans, gradebook)
5. Become proficient at multitasking and copying/pasting
6. Develop Professional Development Plan (inservices, training)
7. Join and attend TCEA each year (receive the TechEdge)
8. Subscribe to a listserv (Bluewebbin, Teacherfirst, homework.com, Tools for the TEKS mailing list, Apple Learning Exchange)
9. Help develop and write a campus technology plan
10. Learn to effectively search the web (teacher sites: Blue Webbin, Kathy Schrock's site, Sherlock, etc)