

MINING THE INTERNET, NBEA 2010

Materials provided on the CD were created with Open Office.

Use this URL to download the free program:

<http://www.openoffice.org/>

MAC version is available at NeoOffice

Tutorial Site: <http://www.learnopenoffice.org/tutorials.htm>



Introductory Activities:

I generally use this type of activity at the beginning of a course during the time enrollments are reconciled and before moving forward too aggressively in the course content. The other area I tend to work during the first few days or week is career orientation/exploration activities. *I have included materials for a career project, a personal information scavenger hunt, and several rubrics on the CD under Projects & Rubrics.*

Personality Inventories

Ulla Zang:

Site has 9 images, each of which evoke a personality type; fun to use at the beginning of a course especially with Desktop Publishing or Digital Design courses. I create a sheet with all the images [thumbnails] or you could create and make available on your intranet to save paper); students choose the one or two with the greatest appeal (their response should be visceral, automatic); then I ask students write 3 or 4 personality descriptors about themselves. Can have students organize and/or share why a by preference. Results can be used to create groups in conjunction with other inventories.

<http://www.personalityquiz.net/shapes/ullazang.htm>

Myers-Briggs Type Indicator Inventory: scores personality on 4 dimensions:

<http://www.humanmetrics.com/cgi-win/jtypes2.asp>

Explanation of the MBTI dimensions: http://www.personalitypathways.com/type_inventory.html

Career Information:

About.com Career Choices

<http://www.careerplanning.about.com/library/blcareers.htm>

American Career Infonet <http://www.acinet.org/acinet/>

Bureau of Labor Statistics Career Information: Great resource offering information by career field; salary ranges, education, type of work as well as additional occupations related to the general interest.

Career Babe <http://careerbabe.com>

Career Clusters: home page for national information on career clusters, resources, and the Institute

Career Explorer <http://careerexplorer.net/>

Career Journal.com (WSJ) <http://careerjournal.com/>

Career Lesson Plans: these are primarily elementary, but can be edited for elementary/high school:

http://www.fldoe.org/workforce/programs/cd_lesson.asp

Career Ship: <http://mappingyourfuture.org/planyourcareer/careership/>

Career Zone <http://www.nycareerzone.org/>

Careers in Science <http://nap.edu/readingroom/books/careers/contents.html>

College Board Career Browser

<http://cbweb9p.collegeboard.org/career/bin/career.pl>

EdGate Career and Technical Education Center: Aggregate resource site

Exploring Occupations <http://www.umanitoba.ca/counselling/careers.html>

Find a Career for You <http://www.Review.com/career/>

IPL Teen Division: Career information

Iseek: Internet System for Education and Employment Knowledge

Job Profiles.com
Job Hunters Bible.com
JobQuest (an interactive database of job information—student-created)
Jobstar Career Guides <http://jobstar.org/tools/career/index.htm>
Mapping your Future (Planning a Career) <http://www.mapping-your-future.org:80/planning/>
MOIS: Michigan's Career Pathways <http://www.mois.org/pathways/>
New York Times, *Working* articles
Occupational Outlook Handbook <http://www.bls.gov/oco/>
Quintessential Careers: A career And Job-hunting Resource Guide
<http://www.quintcareers.com/index.html>
Salary.com <http://salary.com/>
State and Industry Career Information
Vault.com <http://www.vault.com>
Vocational Information Center: Exploring the World of Work

Career Planning and Preparing

America's JobBank <http://www.ajb.dni.us/>
Getting Ready for College Early: <http://www.ed.gov/pubs/GettingReadyCollegeEarly/>
College Choice <http://www.gseis.ucla.edu/mm/cc/home.html>
College Plan <http://collegeplan.org/>
Mapping Your Future <http://mapping-your-future.org/>

Career Military Information

Guide to the Evaluation of Education Experiences in the Armed Services
<http://www.militaryguides.acenet.edu/index.cfm>
Military Careers Online <http://www.militarycareers.com/>
Military Opportunities <http://myfuture.com/secoundary/milops.html>
Selective Service Registration <http://www.sss.gov/>
US Coast Guard <http://uscg.mil/>, US Army <http://goarmy.com/>, US Air Force <http://www.airforce.com>,
US Naval Academy <http://www.nadn.navy.mil/>, US Air Force Academy: <http://www.usafa.af.mil/>

Safety, Accessibility, Security, and Social Networking Issues:

Computer Safety: <http://www.artistresource.org/hazards.htm>
Ergonomics:
<http://www.ergonomicsmadeeasy.com/>
http://www.ergonomics.com.au/pages/400_useful_info/420_how_to_sit.htm
Eye Strain: <http://www.visionworksusa.com/computereyestrain.htm>
FTC White Paper: Safety Tips for Tweens & Teens
Microsoft Social Networking Safety: 11 Tips
OSHA Fact sheets: http://www.osha.gov/OshDoc/toc_fact.html
PC Hardware Basics & Safety: <http://www.zdnet.com.au/reviews/hardware/components/soa/Tech-Guide-PC-hardware-basics/0,139023397,120267937-6,00.htm>
Security, Ergonomics: <http://www.khound.com/topics/computer.html>
Wired.Org: Internet 101 has many resources, information links; also a cybercrime reporting feature

Classroom Tools:

Crossword Puzzle Builder program: I used this program in conjunction with the focus warm-up Daily Term activity. Their daily list equaled the word bank: <http://www.eclipsecrossword.com/>
Learning Management System: Moodle
Think about this type of tool for homebound or as a supplement to classroom instruction with the caveat that broadband or cable access could be a problem.
Presentations using Prezi; has free and paid versions; archived prezis available to the public.

Rubric Maker Sites:
[RubricStar](http://www.rubricstar.com/)

[Rubrics4Teachers](http://www.rubrics4teachers.com/)

[Exemplars](http://www.exemplars.com/)

Rcampus

Read, Write, Think site

Slide Share.net: upload and download presentations; files can be embedded in blogs or websites.
Teacher Planet site with a variety of teacher tools (preparation, reference, search, interaction, etc.).
Test & Quiz Creation:

WIZIQ eInstruction site ExamView: don't forget this question bank resource
Hot Potatoes site provides six, free, interactive quiz formats as well as an authoring tool,
Quandry, used to create Web-based action mazes. This link is a download site with tutorials,
news, other HotPot links; but no technical support.

Curriculum Content/Lesson Plans: (sites may require email address registration)

Academic Integrity and Copyright Information:

Clemson Center for Academic Integrity offers links, tutorials, articles on this topic

How to write citations correctly: <http://citationmachine.net/>

Campus Guide to Copyright Compliance

Included on the CD are two PDF files I received at a recent Technology Workshop:

Michelle Flamos of SCETV created the brochure, *Copyright for Teachers*, and provided the chart created by Technology & Learning

Avery.com offers project material & ideas; very adaptable for business communication or marketing or design courses

Business Education Lesson Plans site: Internet4Classrooms

Career, Work, and Business Lessons site: Money Instructor

Council for Economic Education: <http://www.councilforeconed.org/resources/lessons.php>

Digital Citizenship and Creative Content lesson outline link:

<http://www.digitalcitizenshiped.com/curriculumOutline.pdf>

eZine: Edutopia

Hot Chalk Collaborative site

Iris Center at Vanderbilt: resources, tutorials, information on disabilities and interventional strategies

Khan Academy: Index page lists banking and economic video resources; emphasis is on scientific and math lessons

Lesson Plan Template: <http://www.lessonplanspage.com/LessonTemplate.htm>

Lessonplanz site: technology topics

Multimedia Education Resource for Learning and On-Line Teaching: Business Education portal

Professional [state and regional] organizations:

NBEA SCBEA SBEA (or your regional Business Education organization)

Classtools.net Class Jump (website hosting; also has resource listings)

SCBEA, 2010 Presentation: wiki site discusses tips, tricks, tools, and technological aids to mitigate student disability issues

Scholastic.com resources: <http://teachershare.scholastic.com/>

- TeacherShare groups: Discover information about eEducators and experts - all at your fingertips. Join an existing group or create one of your own
- Streamlined Search Function: Retrieve lessons and other resources easily and quickly. Find exactly what you need for your classroom
- Peer-to-Peer Messaging: Communicate and connect with teachers across the USA

Teacher Domain digital media: Advanced Technological Education

Textbook Publishers:

Use the on-line resources for the textbooks your district has adopted

Link to Cengage's survey on trends: <http://www.cengage.com/trends/>

T.H.E. Journal article discussing the new National Educational Technology plan

Tonya Skinner's site: <http://lessonplans.btskinner.com/>

Not only has lesson plans, but also comprehensive resource list

U. S. Department of Education: Link to Teacher page

Understanding Digital Citizenship: <http://www.digitalcitizenshiped.com/Default.aspx>

Free and Open Source Application Resources:

Source Forge software map: this is a huge site, almost overwhelming

Win Planet software index page (formerly the Stroud software site)

Windows Open Source site

A Sampling of Free Productivity Applications:

Animation: Blender is a 3-D content creation suite

Clip Art & Photo sites:

Open Clip Art
Classroom Clip Art
Clip Art Site multiple collection hyperlinks

Graphic Site: customize buttons, menus, backgrounds, etc.

Free Photographs site

Drawing & Photo Editing:

Paint.net
Photoscape
Gimp
Picasa (Google)

Picnik
Phixr (have to establish a user account, this is an on-line resource)
Inkscape: vector graphics editor

Financial Management software:

GNU Accounting

Turbocash

PDF Tools:

PDF Creator: Create a PDF from any Windows program and use it like a printer in any Windows application

Fox It

Windows PDF Creator QV

Movie Maker: CNET download site with reviews for other video creation applications

Screencast.com: digital "storage locker" for media files; can set security level to limit access

Screen Capture:

Fast Stone software and tutorial

Camstudio.org (Camtasia "lite")

Jing Project Not only captures a screen and creates a video, but can share instantly

ScreenToaster is a free, on-line screen capture tool; can share or embed as Flash file

Sound Editing: Audacity

Telephony P2P Options:

Conference Calls

Skype

Free Telephony Project

The "Zillas"

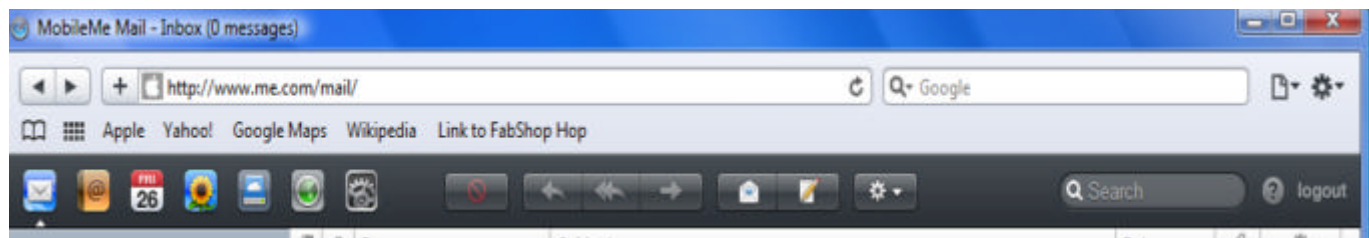
Disk Cloning: Clonezilla

Web Browsing and Email client: Mozilla.org

File Transfer: Filezilla

Google Applications:

Deserving of a section/presentation all of its own! Lynn Keane presented at SCBEA in February. Here is a link to her presentation on Slide Share. Two other Google links: a listing of the personal-use applications and lesson plans. The second link will take you to an educational resource overview page. Here is a screen shot of my iGoogle start page, showing two different home page views:



Application Tutorials

Many available; check before using to be sure your district's filtering protocol will allow access and to ascertain that the site is still available!

Learn Flash
Atomic Learning (not all are free)
Internet4Classrooms

Teacher Click
Guides and Tutorials
Office Tutorials for download (print & video)

Design Concepts & Tips

Accessibility: Evaluate your teacher and/or student web sites using the W3 information and the tool links provided below. This is an area that will become more important as our reliance on web-based, on-line resources has increased.

Wave web aim UDL Self Check based on WAI standards
W3 Organization site on web accessibility and web content

Colors & Theme links: Color Combinations and Before and After Magazine

Fonts:

Fontstruct Font Tester site: free on-line font comparison tool
Information & tutorials on Fonts & Typefaces
(good instructional resource for digital image and design courses)

Notepad2: this is an html WYSIWYG application

Adobe Resources PDF, Information Articles section of the CD; includes licensing information

Web Development & Design:

Linda Baker site Amaya HTML editor
CSS templates w3schools Organization tutorials list
Nondesigners Minicourse: some really good one-page guides to analyze design work

Web 2.0:

Basic information

- *iPods in the Classroom* article
- *Keying In*, January 2010, had an excellent article on the legal issues attendant to social networking sites. Well worth reading and re-reading! Another important caveat, especially for K-12, is accessibility from your school
- *Facebook Guide for Teachers* article (included on your CD)
- Terry Freedman's free, pdf book with 60 projects organized by age
- Results of the National Speak Up 2009 Survey regarding social networking and education conducted by Project Tomorrow
- For an answer to the question, "What exactly IS 'social networking,' and why do I care?," go to your *Business Education Forum*, December 2009, Steven R. Mark technology article

Sites:

- Blog sites:
www.blogger.com *I have learned that the most important part of creating a blog is writing/establishing/publishing the rules up front; AUP, Netiquette, addressing appropriate ways to communicate and collaborate as a class.*
www.21classes.com
www.classblogmeister.com
- SREB's annotated, comprehensive list, in PDF format: Cool Tools for Teaching on Line
- judybrown.com site with Web 2.0 resource information and links
- Record and share browser tabs; might be very useful for a webquest activity: Tab Share
- Ning.com: social networking site; can create or participate in on-going discussions and/or create personal networks
- Voki: create and send or imbed audio message; use an avitar to deliver
- Audio annotation with Voice Thread
- Webspiration (free, Beta version)
- Wordle creates word clouds from text user provides.
- Research and collaboration with Diigo installs a browser toolbar to facilitate using this site
- Sue Summerford's website offers a comprehensive and exhaustive list of resources
- Video on Setting Facebook security:

Odds & Ends:

- <http://www.onguardonline.gov/>: This site offers practical tips, interactive quizzes, and videos

from the federal government and the technology industry regarding on-line safety. Topics include identity and fraud protection and computer security.

- Anti-virus software
 - Free AVG version (also have a paid version)
 - Clamwin (this application does NOT offer real-time scanning)
- Career Tech Testing Center Blog: information on testing, educational technology, and CTE
- Top 100 List compiled from learning professionals across the globe, Tools for Learning: description and specific information on the tools; URL hyperlinks provided
- Interactive Newspaper Daily Archive: <http://www.newseum.org/todaysfrontpages/flash/>
- Google 411: not a curriculum site, but a powerful free tool accessed by dialing 1.800.goog411
- PC Magazines Top 100 undiscovered web sites list. Here is a link to a slide show which provides a hyperlink to each site plus a brief description. Eclectic mix of apps, free and paid; may not be appropriate for all age groups. A couple of apps that caught my attention were Jott (a text to voice app) to PhoneArena (site which aggregates information on cell phone technology) to Plurk (a microblogging application purported to be better than Twitter) to CalorieLab (information about nutrition, calorie burn statistics, and restaurants) to SanFrancisco's Exploratorium for scientific projects, information. Cool stuff!
- *The Online Learning Imperative: "A Solution to Three Looming Crises in Education"* Issue Brief written by Governor Bob Wise and Robert Rothman for *Alliance for Education*, February 2010, on the CD.
- Several browser options (other than IE):
 - Opera
 - Google Chrome
 - SafariAdditional mobile or micro browsers available for the wireless/cell markets
- Search Engines
 - Bing.com: Microsoft's newest search engine; think Web3
 - Search site that aggregates information on all the search engines: All Searches

Maybe best to avoid?

- ANY site you have not personally vetted both for appropriateness and your district's Authorized User Policy and content filtering protocols
- Forbes article which raises this issue: "*The ubiquity and ease of Google searches could make kids' minds go soft without the ability to critique or contextualize the answers.*"