

Assistive Technology

"Imagine going to work and not being able to do your job. Now imagine that you can't leave your job. Imagine having to do that every day. This is what life is like for children with learning disabilities." (Dr. David Urion, Director, Neurology and Learning Disabilities Program, Children's Hospital, Boston)

LOOK: What literacies are involved?



Misunderstood Minds

<http://www.pbs.org/wgbh/misunderstoodminds/attention.html>

Webaim Simulations

<http://www.webaim.org/simulations/>

PLAY: Why might this matter to students?



Explore the assistive technologies at this station and on the CAST website <http://www.cast.org/teachingeverystudent/tools/>

LEARN: How does it work?

Learning Disabilities & Assistive Technologies

<http://www.gatfl.org/ldguide/default.htm>



Audio/Podcasting

"Is listening literacy? As a blind person, my answer is a resounding yes! For me, much of each day is filled with auditory reading of Talking Books, email correspondence, news programs on a local radio reading service, and on-line databases at the library" (Dean Tuttle)



LOOK: What literacies are involved?

Alexandra (Student who is learning ESL)

<http://www.tufsdbuilds.org/Audio/Bakala/Alexandra.mp3>

Radio WillowWeb - Willowcast #24: Amazing Ants (1st Grade)

<http://www.mpsomaha.org/willow/radio/shows/Willowcast24.html>

PLAY: Why might this matter to students?

Choose a picture book (with or without words) and use it as the basis for your own audio (mp3) file with Audacity,,then play around with layering the tracks!

<http://audacity.sourceforge.net/> OR

Garage Band OR

<http://www.apple.com/ilife/garageband/>

Try recording from your cell phone directly to your blog with Gcast

<http://www.gcast.com/?nr=1&&s=341750759>



LEARN: How does it work?

Scaffolding for Students

Radio WillowWeb: Guides to help make a great Willowcast

<http://learninginhand.com/podcasting/RadioWillowWeb.pdf>

Teacher Tutorials:

Audacity Quickstart Guide, Screencasts, & Tutorials

<http://msugrads.wikispaces.com/Audacity>



Blogs

"The skill of writing is to create a context in which other people can think."
Edwin Schlossberg

LOOK: What literacies are involved?

Twenty-five Days to Make a Difference (10-year-old girl's blog)
<http://twentyfivedays.wordpress.com/>

Students in the Write: The Magical Menagerie at Morse - Mrs. Groven's Class Shares Their Hearts of Writing (Early elementary)
http://blog.tufsdbuilds.org/?page_id=70

Room 208 – Bob Sprankle (3rd/4th Grade Multiage Classroom)
<http://www.bobsprankle.com/blog/C1716715409/index.html>

Primary 7v Class Blog
<http://carronshore.edublogs.org/>



PLAY: Why might this matter to students?

Create your own blog with Blogger OR
<http://www.blogger.com>

Edublogs OR
<http://www.edublogs.org>

Tumblr
<http://www.tumblr.com/>



LEARN: How does it work?

Scaffolding for Students

Blogging: It's Elementary!
<http://www.webquest.org/questgarden/lessons/34308-060831081120/>

Welcome to Your PBWiki on Blogging
<http://concepts.pbwiki.com/>



Comics

"Visual genres and mediums now dominate communication; photographs, television, film, video, the internet, cartoons, posters, t-shirts, comics, multi media presentations and computer simulations. Therefore, 'increasingly, an argument can be mounted that a literate person in contemporary western cultures is, first and foremost, someone who is able to recognise, read, analyse and deploy a variety of visual genres and mediums"
(Schirato & Yell 1996, p. 209)

LOOK: What literacies are involved?

Marengo Story Comics (2nd Grade)

http://homepage.mac.com/adam_bezark/comiclife/

HowToons

<http://www.instructables.com/group/howtoons/>

Andy Bobyarchick's Field Trip Comics

<http://homepage.mac.com/geopick/Sites/comiclife/>

Zam's Quest Comic Book Maker

http://www.zamsquest.com/comic_maker.php?id=9



PLAY: Why might this matter to students?

Create your own comic strip with Pikistrips (a.k.a. Comeeko)

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

OR try one of the sites listed under Comic Creation Sites here:

<http://mlc2006.wikispaces.com/Comics+and+Graphic+Novels>



LEARN: How does it work?

Comic Tutorial Dropdown

http://www.between-worlds.com/tutorials/comic_tutorial_dropdown.shtml



Digital Storytelling

“Literacy has always been about using the most powerful cultural tools available to make and communicate meaning. At the present, those tools happen to be multimedia tools that use video, graphics, sound, and traditional text in a hypermedia format. If we or our students don't know how to critically use these tools to their fullest meaning-constructive potential, then we —and they—are illiterate” (Jeff Wilhelm, 2000, p. 7)



LOOK: What literacies are involved?

Digital Storytelling Presented by Our Students in the Scott County Schools
<http://www.dtc.scott.k12.ky.us/technology/digitalstorytelling/studentstories.html>

PLAY: Why might this matter to students?

Create your own digital story with Bubbleply
<http://www.bubbleply.com/default.aspx>

You can also use one of the tools listed at the bottom of this page:
<http://msugrads.wikispaces.com/Digital+Storytelling>



LEARN: How does it work?

Scaffolding for Students

Blank Storyboard
<http://www.storycenter.org/memvoice/images/storyboard.pdf>

Cookbook (Example Storyboard)
<http://www.storycenter.org/memvoice/pages/tutorialstory.html>

Teacher Tutorials

Storytelling Finds Its Place in the Classroom
<http://www.infotoday.com/MMSchools/jan02/banaszewski.htm>



Graphic Organizers

"Hyperreading is not only finding and reading what is on the Internet, but learning to make one's own connections in what one finds there, to question the connections (the 'links' that others provide, and to interrogate the silences or absences of the Internet: what is not there (or who is not there)."

(Nicholas Burbules & Thomas Callister, 2000, p. 33)

LOOK: What literacies are involved?

Scaffolds & Organizers

<http://www.sdst.org/shs/library/scaffolds.html>



PLAY: Why might this matter to students?

Create your own graphic organizer with Gliffy

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

OR explore these graphic organizers

<http://del.icio.us/chericem/GraphicOrganizers>



LEARN: How does it work?

Visual Literacy.org

<http://www.visual-literacy.org/pages/documents.htm>



Interactive Maps

"Ok, information is digital. This means that all mediums of information can now be expressed using the same language, binary. Digital (binary) information can easily be taken apart, put back together, mixed and matched, and inventively assembled into unique, value added information products. It's what we do. It's what we've always done, building on the information of others. Today, however, it is more akin to playing with Legos than spending years in research and writing. The act of building new information products is an ongoing experiment in conversation." (David Warlick, 2005, p. 1)



LOOK: What literacies are involved?

Storymapping Project

<http://www.storymapping.org/projects.html>

PLAY: Why might this matter to students?

Create your own interactive map using one of the tools listed

<http://msugrads.wikispaces.com/Mashups>



LEARN: How does it work?

How to Use Google Maps (TeacherTube video)

<http://mapmashing.wikispaces.com/How+to+Use+Google+Maps>

How to Create a Picture with Pop-up Comments in Excel

<http://www.frenchteachers.org/technology/excelpopup.pdf>



Movies

"First of all, I don't think anyone could claim to be media literate if he or she didn't understand that one of the principle functions of commercial media is not so much the provision of information or entertainment, but the segmentation and packaging of audiences for delivery and sale to advertisers... It's the audience which is the real product of the media, and not the programs." (Len Masterman)

LOOK: What literacies are involved?



Examples:

Dead Words Funeral (4th Grade)

<http://www.youtube.com/watch?v=kQODcdUtmH4>

Springfield Public Schools: Projects

<http://www.springfield.k12.il.us/movie/>

PLAY: Why might this matter to students?



Create your own movie with Windows Moviemaker

<http://www.microsoft.com/windowsxp/downloads/updates/moviemaker2.msp>

iMovie (Costs \$)

<http://www.apple.com/ilife/imovie/>

LEARN: How does it work?

Welcome to Digital Documentaries

<http://www.atschool.org/digidocs/>

iMovie Tutorials

<http://www.apple.com/support/imovie/tutorial/index.html>

Windows Movie Maker Help

<http://www.microsoft.com/windowsxp/using/moviemaker/getstarted/default.msp>



PowerPoint

“We live in a hypertextual world and must prepare our students to live in one! This doesn’t mean that literature is dead, or that we won’t read novels or poetry —it just means that these texts will exist in a new writing space, with new possibilities and permutations, sometimes in conjunction with art and video and sound” (Jeff Wilhelm, 2000, p. 6)

LOOK: What literacies are involved?

Games (Download the ppt presentations)
<http://languagelinks2006.wikispaces.com/Games>



PLAY: Why might this matter to students?

Create your own PowerPoint presentation
<http://msugrads.wikispaces.com/PowerPoint+Presentations>



LEARN: How does it work?

PowerPoint In the Classroom
<http://www.actden.com/pp/>



Scrapbooks

"The foundational competencies of reading, critical interpretation, and composing are more important than ever, and the effective ways of teaching these things are more important than ever. At the same time, these skills have become more complex and more challenging. Now kids need to know how to read traditional text and how to critically read videos, pictures, and graphs. And they must understand how these work together" (Jeff Wilhelm, 2000, p. 7)

LOOK: What literacies are involved?



In Search of Shakespeare - Scrapy Scrapbooks (4th grade)

<http://www.pbs.org/shakespeare/educators/elementary/casestudy1.html>

Escrapbooking

<http://escrapbooking.com/projects/index.htm>

PLAY: Why might this matter to students?



Create your own scrapbook with Scrapblog

<http://scrapblog.com/>

LEARN: How does it work?

Blurb

<http://www.blurb.com>

MSU Grads Technology

<http://msugrads.wikispaces.com/Technology>



Search (Advanced)

"As speed becomes essential for the effective use of the new literacies of the Internet and other ICTs, it will be critical to solve the equity issues that result from children who process and communicate information at different rates. Slow readers and writers are challenged within traditional literacies; within the new literacies of the Internet these individuals will be left far behind. The gap between highly literate and literacy challenged individuals will be exacerbated by the new literacies of the Internet. Highly literate individuals will skim webpages, link to other webpages, and generally sift through large amounts of information in a short time. Individuals who read slowly and haltingly will still be evaluating the first screen of information by the time a more rapid reader has already completed the informational task."

(Donald J. Leu, Charles K. Kinzer, et. al, 2004, p. 1597)

LOOK: What literacies are involved?

Sputtr (see handout also)
<http://www.sputtr.com>



PLAY: Why might this matter to students?

Create your own customized search page with Sputtr
<http://www.sputtr.com>



LEARN: How does it work?

Teacher Tutorials:

Boolean Primer
<http://www.internettutorials.net/boolean.html>

Google Guide
<http://www.googleguide.com/index.html>

Scaffolding for Students:

Noodle Tools

<http://www.noodletools.com/debbie/literacies/information/5locate/adviceengine.html>

Search Wizard
<http://21cif.imsa.edu/tools/locate/>



Virtual Environments

"Literacy grants power in any civilization." (Ken Freed)

LOOK: What literacies are involved?

DU – Kjarrett's Tagged Photos (Education sites in Second Life)
<http://splashr.com/show/desktop/29304822@N00/DU/25>



PLAY: Why might this matter to students?

Second Life (Create your own avatar and explore Orientation Island)
<http://secondlife.com/>



LEARN: How does it work?

Second Life: Educators Working with Teens
[http://simteach.com/wiki/index.php?title=Second Life: Educators Working with Teens](http://simteach.com/wiki/index.php?title=Second_Life:_Educators_Working_with_Teens)



Websites & Electronic Portfolios

"And we can't teach kids what they need to know to participate in a hypertextual world unless we come to understand it and make use of it ourselves" (Jeff Wilhelm, 2000, p. 7)



LOOK: What literacies are involved?

Use your search skills to locate examples of "good" elementary websites

PLAY: Why might this matter to students?

Create your own webpage with Google Pages OR

<http://pages.google.com/>

Nvu OR

<http://www.nvu.com/index.php>

Roxer

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



LEARN: How does it work?

Google Page Tutorial

<http://paul.maunder.googlepages.com/>

Introduction to Nvu

<http://learn.dccc.edu/~lori/nvu/>

Principles of Good Web Design

<http://wrt.syr.edu/tech/profsites/principles.html>



Web 2.0 Tools

"Learning to use the tools is not the same thing as using the tools to learn."
(Sandy Hayes)



LOOK: What literacies are involved?

PLAY: Why might this matter to students?



Brochure Creator

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

Design brochures and flyers

BubblePLY

<http://www.bubbleply.com/default.aspx>

Allows you to add speech and thought bubbles to any online video.

Create Your Scenario

<http://www.kids-space.org/HPT/1a/11a.html>

Kids can create their own playscripts

Dumpr

<http://www.dumppr.net>

Turn Flickr photos into coloring book images (VERY COOL), make them look old, turn them into globes, or add reflections. Print or save to your Flickr account.

FDs Flickr Toys

<http://bighugelabs.com/flickr/>

CD covers, magazines, mosaics, trading cards, etc., for creative assignments.

Generator Blog

<http://generatorblog.blogspot.com/>

Links to all kinds of fun projects, including creating CD covers, cereal boxes, etc.

Letterpop

<http://www.letterpop.com>

Make your own newsletters, publish up to 10 online at any one time (without having to create a website).

Motivator

<http://bighugelabs.com/flickr/motivator.php>

Create your own motivational posters for free.

Wikis

"... effective learning experiences will be increasingly dependent on social learning strategies and the ability of a teacher to orchestrate literacy learning opportunities between and among students who know different new literacies. This will distribute knowledge about literacy throughout the classroom This social learning ability may not come naturally to all students, however, and many will need to be supported in learning how to learn about literacy from one another (Labbo, 1996; Labbo & Kuhn, 1998)" (Donald J. Leu, et. al, p. 1597)

LOOK: What literacies are involved?

Code Blue (6th Grade) [Information Literacy]
<http://codeblue.wikispaces.com/>



PLAY: Why might this matter to students?

Create your own wiki using one of the following sites:

PBWiki
<http://pbwiki.com>

Pikiwiki
<http://pikiwiki.com/ews/index.jsp>

Wikispaces
<http://wikispaces.com>



LEARN: How does it work?

Copyright & Fair Use Guidelines for Teachers
http://www.techlearning.com/techlearning/pdf/db_area/archives/TL/2002/10/copyright_chart.pdf

Wikispaces Help
<http://www.wikispaces.com/help+index>

FOR NEXT YEAR:



Cell Phones in Learning

<http://cellphonesinlearning.wikispaces.com/>

Keep Toolkit

<http://www.cfkeep.org>

Add images, text, & video into different "boxes" to create a shareable "project portfolio."

Pikipimp

<http://www.pikipimp.com>

Upload pictures, add accessories and speech bubbles, then save. The site will generate a URL where the pictures can be viewed, or code for your webpage.

Protopage

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

Register for free to get your own page, then customize the content by clicking on any of the tabs and altering their contents. Make as much as you like public or private. Like someone else's content? Simply click import.

Skype

<http://www.skype.com>

Talk to anyone in the world (up to 4 people at once) through your computer for free with a cheap headset mic (like the telemarketers wear) as long as the other person also has the software. Great for group conversations about projects. You can also call landlines or cell phones, but there is a charge for that

The Amazing You Tube Tools Collection ‘

<http://www.quickonlinetips.com/archives/2006/10/the-amazing-youtube-tools-collection/>

A collection of tools to help those interested in using/publishing materials to You Tube.

YackPack

<http://www.yackpack.com/education.html>

Allows you to create a community of users and exchange recorded voice messages with them.

Yugma

<https://www.yugma.com/index.php>

Free Web 2.0 videoconferencing software. (Read more about Tim Lauer's experiences with it here:

http://edu.blogs.com/edublogs/2007/02/yugma_free_web_.html

<https://www.yugma.com/index.php>