Web Literacy for Educators

Kamehameha Middle School
August 8, 2008
Empowerment

“We can teach students critical thinking and how to be socially responsible when they use the Internet to have a globally connected voice” (November, 2008).
Basics

- Understanding Structure of the Web
- Punctuation
- Grammar
What is the Internet?

🌐 Network of computers all over the world, connected together.
🌐 Allows Web browsers (software for retrieving Web pages) to call up addresses or **domain names**.
Domain Names

1. Created by owner of a site
2. Top level domain (TLD) and is designated for certain groups or categories (e.g., .com, .gov, .edu)
3. Site hosted at another country will possess an additional extension (.au, .uk, .jp)

http://www.nike.com.uk
Create a domain name that BEST describes you. Be creative!
Domain Names

1. EasyDNS.com
2. Register.com
3. Godaddy.com
Sub-Domain Names

1. Subdomain always has a dot separating it from other parts.

http://kapalama.ksbe.edu/middle
REAL

How to validate information on the Web
REAL

- Read the URL (Uniform Resource Locator).
- Examine the CONTENT.
- Ask about the AUTHOR and OWNER.
- Look at the LINKS.
Read the URL

Do you recognize the domain name?

What is the extension in the domain name?

Are you on a personal page?

http://www.ksbe.edu
Read the URL

http://www.si.edu
http://www.nike.com
http://www.sandiegozoo.org
http://www.seaworld.com
http://news.bbc.co.uk/
http://cam.ac.uk/
http://www.upeg.edu/~user
Is the information on the Web site useful for your topic?

Are additional resources and links provided? Do the links work?

Is the site current? Do you know when it was last updated?

Do you think the information is accurate?

Does the information contradict information you have found elsewhere?
Examine the CONTENT (handout)

- The Froggy Page (http://www.frogsonice.com/froggy/)
- Frogs (http://www.exploratorium.edu/frogs/index.html)
- Froggyville (http://www.froggyville.com/index.php)
Ask About the **Author and Owner** (handout)

- Is the author’s name provided?
- Is there a contact person or an address provided?
- Is there biographical information provided about the author?
- Does the author seem knowledgeable? Is he or she an expert in the field?
- What kinds of results do you see when you do a search on the author’s name?
Lobster Liberation (http://www.lobsterlib.com/index.html)


Augustine of Hippo (http://www.georgetown.edu/faculty/jod/)

California Velcro Crop under Challenge (http://home.inreach.com/kumbach/velcro.html)
REAL

How do you find out who owns a domain name?

http://www.domaintools.com
AUTHOR and OWNER

Harry Potter and the Wayback Machine
Learning about **LINKS**

**Forward:** a link from your Web site to a page on someone else’s Web site.

**kcaB:** a link from someone else’s Web site to a page on your Web site.
Forward Links
Guiding Questions

🌐 What are the URLs of the forward links?
🌐 Do the domain names change?
Forward Links

Analysis

Analyzing the Save the Pacific Northwest Tree Octopus Site

(http://zapatopi.net/treeoctopus/)
kcaB Links
Guiding Questions

- Who is linked to the Web site?
- Why are they linked?
- What do other sites say about the material on the site?
Harmful Effects of Dihydrogen Monoxide

http://www.dhmo.org/
kcaB Links
Process

http://www.altavista.com/

link:http://www.dhmo.org/
kcaB Links (handout) Exercise

- California’s Velcro Crop under Challenge (http://home.inreach.com/kumbach/velcro.html)
- Feline reactions to Bearded Men (http://www.improbable.com/airchives/classical/cat/cat.html)
- Genochoice (http://www.genochoice.com/)
Smart Search Strategies

- Search with Extensions
- Creating a Virtual Index
Smart Search Strategies
Search with Extensions Process

- http://www.altavista.com
- host:edu + algebra
- host:.gov + “birth statistics” + Hawaii
Smart Search Strategies

Search by Virtual Index

- http://www.altavista.com
- host:nasa.gov + mars
- host:nasa.gov + mars + “seventh grade”
- host:educationworld.com + “formative assessment”
References

Resources

1. [http://tinyurl.com/33lwgs](http://tinyurl.com/33lwgs)
   Alan November’s Information Literacy Resources site