Overview

- What is Information Literacy?
- Why is it important?
- How to use search engines effectively
- Domain Names
- Search Engines
- E-Learning
  - What is it?
- E-Learning Websites
What is Information Literacy

- Ability to identify what information is needed
- Understand how the information is organized
- Identify the best sources of information for a given need
- Locate those sources
- Evaluate the sources critically and share that information

-Source: [http://www.webpages.uidaho.edu/info_literacy/](http://www.webpages.uidaho.edu/info_literacy/)
Why is Information Literacy important?

- We are surrounded by a growing ocean of information in all formats
- Not all information is created equal; there is good and bad out there
- Amount of information will continue to grow
- Types of technology used to access, manipulate, and create information will also continue to expand.

-Source: http://www.webpages.uidaho.edu/info_literacy/
Domain Names

- URL (uniform resource locator): the letters (and sometimes numbers) at the end of a web address
- Identifies the type of website
- Many different domain names or “types”
  - .edu - short for “educational”. Reserved for institutions of higher learning (colleges and universities). The content found on websites with this domain name is intended to be used for educational purposes. Reliable source of information.
.org - short for “organization”. Originally reserved only for non-profit organizations but has recently been expanded to include schools, communities, and some for-profit entities. Reliable source of information but important to remember that the information provided can be biased towards the interests of the particular organization.

.net - short for “network”. This domain name is intended for use by internet service providers. Can have reliable information but will need to utilize skills to filter through bad information and recognize good information.

.com - short for “commercial”. Most commonly used domain name. Anyone can buy a .com website. These sites can have reliable information but also hold the most amount of bad information. So again, proper skills will need to be utilized to know how to filter through the bad to find the good.
How to Identify the Good and the Bad

- Good Websites:
  - Are easy to navigate
  - Have working links and relevant information
  - Are free of spelling and grammatical errors
  - Contain up to date information
  - Have properly cited sources
  - Clearly state the author’s name
  - Have an appropriate amount of pictures
How to Identify the Good and the Bad

Bad Websites:
- Are difficult to navigate
- Have non-functioning links and/or irrelevant information
- Contain spelling and/or grammatical errors
- Contain out of date information
- Do not have properly cited sources
- Do not clearly state the author’s name
- Contain a lot of ads and or have software download requirements
A search engine is a website that allows you to scan the internet for specific information.

- Results appear as a list of links to websites relevant to your search.
- Search results also include lists of images and videos relevant to your search.

**Types of Search Engines:**

- **Crawler Search Engines**
  - Based on keyword searches.
  - Useful for searching a particular topic.

- **Meta Search Engines**
  - Compiles results from multiple search engines.
  - Useful for finding more obscure information.
What is E-Learning?

E-learning is learning through an electronic medium, often associated with online learning, web-based training, and instruction delivered via technology.

Why is E-learning important?

E-learning is important because it allows for differentiated instruction. We all learn in different ways. Differentiated instruction means that we can all learn in a way that best suits our individual needs.
Search Engine #1

- Dogpile
- www.dogpile.com
- Powered by Metasearch technology to compile all the best results in one easy place
- Founded in 1996
- Mascot: Dog named Arfie
Here’s the URL

Enter your search here then click “Go Fetch”
These are ads… don’t click on these
The best results are found below the ads.
To see videos related to your search click here.
Click "Preferences" to change the way your search results are displayed.
Search Engine #2

- WebCrawler
- **www.webcrawler.com**
- Powered by MetaSearch technology to compile the best results in one easy place
- Created by Brian Pinkerton at the University of Washington
- Joined InfoSpace family of products in 2001
  - InfoSpace also owns and operates the metasearch engines Dogpile and MetaCrawler, and provides search results for Excite.
Here’s the URL

Enter your search here then click “Search”
These are ads…
don’t click on these

Scroll down!
The best results are found below the ads.
To see images related to your search click here
To see videos related to your search click here
Search Engine #3

- Ask
- www.ask.com
- Operated by Ask Media Group
  - A collection of websites that help curious people find the information they need
  - Ask Media Group is owned and operated by IAC and is a part of IAC Publishing, IAC’s collection of premium content brands
- President: Katie Van Den Bos
Here’s the URL

Enter your search here then click the magnifying glass
The best results are found below the ads
To see videos related to your search click here
E-Learning Site #1

- Cool Math
- www.coolmath.com
- Founded in 1997
- Owned by Constructive Media, LLC
- Related sites:
  - Coolmath4kids: Designed for users 12 and under
  - Coolmath-Games: Brain-training site for all users
This is an ad. Don’t click on this!

Here’s the URL

coolmath.com

These are your menu options which are also listed just below on the page.

MATH LESSONS

PRE-ALGEBRA
Where basic numbers start to get interesting...
Factors and Primes | Decimals

ALGEBRA
What we can do with letters and numbers
Exponents | Lines | Functions

PRE-CALCULUS LESSONS
Heading to Calc? We’re here to help
Algebra For Calculus
To visit the other “cool math” websites click on one of these links.

Scroll down for more options.
This is an ad. Don’t click on this!

Links to CoolMath-Games.com
Click on the menu option of the topic of your choosing.
These are subtopics within the topic area you choose to work in. Click on the links to find lessons.
Khan Academy

www.khanacademy.org

Khan Academy is a 501(c)(3) non-profit organization

Founder, Sal, stated Khan Academy in 2005 to help his cousins.

Lead by a Board of Directors from various fields

One of Khan Academy’s founding partners is the Bill and Melinda Gates Foundation.
Here’s the URL: khanacademy.org

Click here for a drop down menu of subjects.

Search for subjects, skills, and videos here.

Click here to go to the different subject and sub-topics.

Click this link to create a profile so you can login on future visits.
This is the listing of all subjects you go to when you click the drop down menu from the home screen. Simply click on the link of the subject you’d like to explore.

Scroll down for more listings.
You can click on any of these headers to go that particular subject area.

Click on a subtopic to go to tutorials, instructional videos, and lessons.

When you click “Learners, start here” from the home page the page scrolls down to this view.
Scroll down to see all the different subtopics and lessons available.

Click on a subtopic to go to quizzes, lessons, and videos.
Ready for the Quiz??

No way, Jose!

Yes, sirree!
Question 1

What is the name of the mascot for Dogpile?

- Archie
- Arfie
- Alfie
- Aflac
Question 2

What does URL stand for?

- Universal Resource Locator
- Uniform Reference Locator
- Uniform Resource Locator
- Universal Reference Locator
Question 3

Which of the following would not be allowed to use a “.org” domain name?

- A non-profit organization
- A community website
- A school
- A commercial entity
Question 4

Which of the following is an indicator of a “good” website?

- No spelling or grammatical errors
- Easy to navigate
- Functional and relevant links
- All of these
Question 5

Webcrawler is a search engine powered by:

- Metasearch technology
- Betasearch technology
- Crawler technology
- Duracell
Question 6

- The “Ask” search engine shows you images related to your search results:

  True  False
Question 7

Why is E-learning important?

- Because it’s cool
- Because kids would rather play online than learn
- Because it allows for differentiated learning
- Because it gives the teacher a break from teaching
Question 8

What is E-learning?

- Playing video games
- Learning through an electronic medium
- Learning about words that start with the letter E
- Typing a paper on the computer instead of writing with pen and paper
Question 9

The math e-learning site we learned about today is called:

- Coolmathgames.com
- Math4kids.com
- Mathgames.com
- Coolmath.com
At Khan Academy you can view videos and tutorials on which subject?

- Math
- Arts and Humanities
- Science and Engineering
- All of these
You did it!!

Congratulations!

I want to try the quiz again

I know everything about Information Literacy
About Dogpile

InfoSpace created the Dogpile search engine because your time is important to us. Powered by Metasearch technology, Dogpile returns all the best results from leading search engines including Google and Yahoo!, so you find what you're looking for faster.

Each search engine has its own method of searching and each will return different results. Dogpile looks at all of them, decides which are most relevant to your search, eliminates duplicates and reveals them to you. In the end, you get a list of results more complete than anywhere else on the Web.

The time-saving philosophy of metasearch is no less important to us that it even inspired our name! In rugby, players come together and pile on top of one another. This is exactly what Dogpile's metasearch technology does -- it compiles all the best results in one easy-to-access place.

And because every good team needs a loyal mascot, we adopted Arfie. You can find him any time on Dogpile, where he works as a retriever of sorts. When you search the Web on Dogpile, he's quick to fetch the exact results you want when you want them.

Make Dogpile Your Homepage
What is E-Learning?
- E-learning is learning through an electronic medium, often associated with online learning, web-based training, and instruction delivered via technology.

Why is E-learning important?
- E-learning is important because it allows for differentiated instruction. We all learn in different ways. Differentiated instruction means that we can all learn in a way that best suits our individual needs.
Wrong Answer

Try Again