INFORMATION LITERACY

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OVERVIEW

• Information Literacy Basics
• Importance of Information Literacy
• Domain Names
• Effective Search Engine Use
• Search Engines
• E-Learning
THE BASICS

• According to LibGuides, Information Literacy is:

  • "the ability to locate, evaluate, and use information to become independent life-long learners"

  • Source: https://otterbein.libguides.com/infolit/whatinfilit

• Using information provided to determine if website is credible or not
INFORMATION LITERACY IMPORTANCE

• Gather credible, accurate information

• Learn to be a more selective about information used

• Helps student to become lifelong learner
COMMON DOMAIN NAMES

- .com “Commercial”
  - Used mainly for businesses
- .net “Network”
  - Mainly for internet service providers, internet-based businesses
- .org “Organization”
  - Mainly used by nonprofit groups
- .edu “Education”
  - Typically reserved for educational institutions
- .gov “Government”
  - Saved for U.S-based government organizations

“GOOD” WEBSITES

• Try to visit websites that are/have:
  • Correct, up-to-date information
  • NO spelling errors
  • Links to references
  • Sleek, organized layout
  • Easy to navigate
  • Credible (.gov, .org, .edu are almost always reliable)
“BAD” WEBSITES

• Try to avoid websites that are/have:
  • Outdated or incorrect information
  • Spelling errors
  • Pictures unable to load
  • Cluttered layout
  • Difficult to navigate
  • Unable to load
SEARCH ENGINES

• A website that electronically retrieves information from a database of resources

• Used to sort through the internet and produce search results

  • Recommends web pages based on information entered

  • Examples: Google, Bing, DuckDuckGo
E-LEARNING

• Collection of resources to assist students in and out of the classroom
  • Supplemental lessons
  • Educational games
  • Practice problems
  • Virtual tours
  • E-books
SEARCH ENGINE #1

• Yippy
• https://yippy.com/
• Founded in 2009
• CEO is Richard Granville
• Clustering search engine
Enter your search here! Then click SEARCH
Yippy has clustered your results into categories to narrow your search
Here are the 10 results for “pictures” of calico cats.
Click on VIDEO

Here are the image results of calico cats
Here are the video results of calico cats…notice these are clustered in the left column.
SEARCH ENGINE #2

• DuckDuckGo
• https://duckduckgo.com/
• Founded by Gabriel Weinberg in 2008
• Believes in privacy
  • Does not collect or share personal information
• Option to add on to browser as an extension
Enter your search here! Then click the magnifying glass.
DuckDuckGo produces the most popular results first. Notice, NO ADS!
Here are the image results of squirrels.

Notice the various search modifiers.

Click on VIDEOS
Here are the video results for squirrels.
SEARCH ENGINE #3

• Dogpile
• [https://www.dogpile.com/](https://www.dogpile.com/)
• Founded in 1996
• Pulls most relevant searches for you
  • Removes duplicates
Enter your search here! Then click GO FETCH!
Dogpile pulls a short description of your search from the most popular result page. Scroll for more results.
Here are the top results!

Stranger Things - Wikipedia
Stranger Things is an American science fiction horror web television series created by the Duffer Brothers and released on Netflix. The siblings also serve as executive producers with Shawn Levy and Dan Cohen. The first season stars Winona Ryder, David Harbour, Finn Wolfhard, ...

Stranger Things (TV Series 2016– ) - IMDb
https://www.imdb.com/title/tt4674334
Created by Matt Duffer, Ross Duffer. With Millie Bobby Brown, Finn Wolfhard, Winona Ryder, David Harbour. When a young boy disappears, his mother, a police chief, and his friends must confront terrifying supernatural forces in order to get him back.

Stranger Things | Netflix Official Site
https://www.netflix.com/title/80057281
Stranger Things 2016 TV-14 3 Seasons TV Sci-Fi & Fantasy When a young boy vanishes, a small town uncovers a mystery involving secret experiments, terrifying supernatural forces and one strange little girl.

Stranger Things (season 3) - Wikipedia
The third season of the American science fiction horror web television series Stranger Things, titled Stranger Things 3, was released worldwide on Netflix's web streaming service on July 4, 2019. The series was created by the Duffer Brothers, who are also executive producers along with Shawn Levy, ...

Stranger Things - YouTube
https://www.youtube.com/channel/UChmpTxQ0Gp8KEJKsqzeg98
Stranger Things 3 arrives July 4, 2019 only on Netflix. One summer can change everything. Stranger Things 3 arrives July 4, 2019 only on Netflix. Skip navigation Sign in. Search
Click on IMAGES
Here are the image results for Stranger Things.

Click on VIDEOS
Here are the most popular video results for Stranger Things.
E-LEARNING WEBSITE #1

• Khan Academy
• https://www.khanacademy.org/
• Founded in 2008 by Salman Khan
• 501 nonprofit organization
• Provides free lessons on most subjects
  • Lessons taught by professionals in their given field
Select your status and sign up for a free account.
Enter your date of birth. Then select a login method.
Once you have created an account, select the classes you need help in.
Click on PROGRESS

Once you have completed lessons and practice, your results will show up here!
Click on COURSES

Click on one of your courses and select START
Here are the two lesson videos to follow along to.

Here are some practice problems!
E-LEARNING WEBSITE
#2

- Smithsonian Learning Lab
- [https://learninglab.si.edu/](https://learninglab.si.edu/)
- Collection of historical and scientific resources
- Digital resources from:
  - 19 Smithsonian Museums
  - 9 Research Centers
  - The National Zoo
Click the link to create a free account.
Enter your birth date and select CONTINUE.
Create a Free Account

Welcome to the Smithsonian Learning Lab! 
Find your inner scientist under the stars and the sciences.

Create an Account Using Email

First Name
Last Name
Email Address

Create a Password
Passwords must be at least 8 characters long and contain 1 uppercase letter, 1 lowercase letter, and 1 number.

Create a Password
Retype Password

or Using a Linked Account

Facebook
Google

Choose a login method
Type in your search and click the magnifying glass.
Here is a list of articles and artifacts relating to your search

Found 46 Resources containing: King Tut

Click on the sun for drop down list of options
Click on the icon to add resource to a collection
Add Resource to Collection

Found 46 Resources containing: king

King Tut

Images and videos relating to King Tut

Create Collection

This menu will pop up after selecting the icon. Click CREATE A COLLECTION and add a title.

When finished, click the button.
Found 46 Resources containing: king tut
Here are the resources saved in your collections. This is a great tool for collecting and viewing historical resources.
READY FOR THE QUIZ??

Not Ready!

Heck yeah!
QUESTION 1

The results of Yippy are organized in which unique way?

- Scrambled
- Alphabetical
- Clustered
- Numerical
QUESTION 2

What is the main goal of DuckDuckGo?

- Piracy
- Playing Duck, Duck, Goose
- Stealing your information
- Privacy
QUESTION 3

Which is an indicator of a “bad” website?

- Spelling Errors
- Easy to navigate
- Organized
- Reference links
QUESTION 4

What is the name of the founder of Khan Academy?

- Mr. Academy
- Salmon Khan
- Salman Khan
- Genghis Khan
QUESTION 5

What does .com stand for?

- Computer
- Commander
- Comptroller
- Commercial
QUESTION 6

Which History e-learning site was talked about in this presentation?

- Wikipedia
- Cleveland Museum of Natural History
- Smithsonian Learning Lab
- The History Channel
QUESTION 7

Who would be allowed to use .gov as a domain name?

- Massillon City Schools
- Bureau of Motor Vehicles
- Cartoon Network
- McDonald’s
QUESTION 8

Which is not a search engine?

Firefox

DuckDuckGo

Dogpile

Yippy
QUESTION 9

Which is an indicator of a “good” website?

Incorrect information

Spelling errors

Up-to-date information

Pictures that don’t load
QUESTION 10

Is the mascot of DuckDuckGo a goose?

TRUE!!

FALSE!!
CONGRATULATIONS!!

Try the quiz again!

High Five!!!

It’s all good!
Switch to DuckDuckGo and take back your privacy!

No tracking, no ad targeting, just searching.

Add DuckDuckGo to Chrome