

OLDER ADULTS AND Access to Technology

Be a Peer-Coach, help others!



Funded by:
 Ontario



Internet Literacy & Safety

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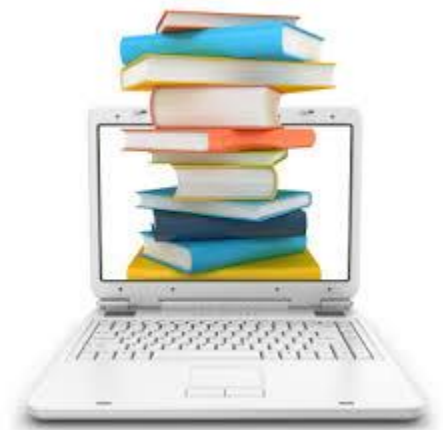
What is information literacy?

Knowing:

- when and why you need information
- how to find this information
- how to evaluate and use the information
- how to stay safe on the Internet

Why use Internet to search for information?

- Convenience
- Information exclusively available online
- Information constantly updated



Notes:

Information Search Plan

Your search starts with a clear purpose:

- What are you searching for?
- What type of information do you need?
- Who is the source of that information?

Three general steps for online searches:

- Formulating a topic or a question of interest
- Filtering the most useful information by narrowing down the search
- Assessing the trustworthiness of the information

Notes:



Online Search Tools

Three general tools for searching the Internet:

- General Information Sites
- Search Engines
- Specialized Information Sites



Notes:

General Information Sites

- Similar to an encyclopedia on a topic
- Gives a topic overview, definitions and specific subtopics
- Good place to start your search when you know little about a topic

Examples: Wikipedia, Yahoo!Answers

- Go to the URL of the page of your choice:
www.Wikipedia.org, www.encyclopedia.com,
www.answers.yahoo.com
- Enter the key words into the search bar
- Choose the most appropriate page from the search results



WIKIPEDIA
The Free Encyclopedia



YAHOO! ANSWERS

Notes:

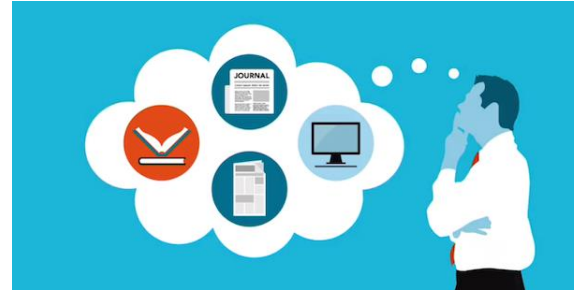
Reliable General Information Sites

Pros of the general information sites

- Multiple authors and user-generated content
- More viewpoints included
- Updated on ongoing basis

Cons of the general information sites

- Authors are not always experts
- Authors are usually biased towards the topic



Checking for trustworthiness:

- Check for the ratings and flags that might be displayed
- Check the references and source documents
- View comments and reviews other people left

Notes:

Search Engines

- Useful when you are trying to narrow down your topic
- Quick answers to simple questions
- Leading to other general or specific information websites

They all produce the same type of search result items: name of the resource page, URL, definition, type of a link (text, video, news).

Cat - Wikipedia, the free encyclopedia

<https://en.wikipedia.org/wiki/Cat> ▼

The domestic cat (Latin: *Felis catus*) or the feral cat (Latin: *Felis silvestris catus*) is a small, typically furry, carnivorous mammal. They are often called house cats ...

Body temperature: 38.6 °C (101.5 °F) **Breathing rate:** 16–40 breaths per minute

Heart rate: 120–140 beats per minute

In the news

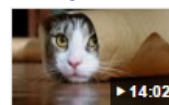


Autistic girl Iris Grace Halmshaw paints, cycles and SWIMS with her tabby cat friend

Daily Mail - 2 days ago

A moving video showing the remarkable bond between an autistic girl and the cat that ...

Funny Cats Compilation [Most See] Funny Cat Videos Ever ...



<https://www.youtube.com/watch?v=tntOCGkgt98>

Dec 30, 2013 - Uploaded by Forget Your Sadness

My current Youtube Network:

<http://pixellabnetwork.com/en/creators/> Feel free to apply for a Youtube ...

Notes:

Specialized Information Sites

- Google Scholar – e-books from leisure to scholarly resources
<https://scholar.google.ca>
- News – online access to a variety of newspapers
- Blogs – online professional and amateur blogs
- Health Information – SouthWest HealthLine

[SouthWesthealthline.ca](https://southwesthealthline.ca)



CBCnews

Home World Canada Politics Business Health Arts & Entertainment Technology

Home Photo Galleries The National Aboriginal CBC News Network Saskatchewan Votes Manitoba Vote

DEVELOPING

Stabbing suspect said 'Allah told me to do this': police chief »

 **Technorati**
A SYNACOR BRAND

Home Knowledge Base ▾ Services Company ▾ Careers Contact

[Learn more about Contango](#)



Search

Notes:

Assessing Online Resources

Why Evaluating Sources is Important?

- The Internet is Unregulated
- No general review process
- Anyone can post information on the Internet

Information Overload

- Being overwhelmed is easy
- Manage your time well

You can self-filter search results by examining the **URL** of websites in your search result

[Cat - Wikipedia, the free encyclopedia](https://en.wikipedia.org/wiki/Cat)

en.wikipedia.org/wiki/Cat ▼

The domestic **cat** (*Felis catus* or *Felis silvestris catus*) is a small, usually furry, domesticated, and carnivorous mammal. It is often called the housecat when kept ...

[African wildcat](#) - [Creme Puff](#) - [List of cat breeds](#) - [Cats and humans](#)

Notes:

Legitimate URL addresses

.org, gc.ca, gov.on.ca or a long jumble of letters and symbols?

Educational Institutes	. <u>edu</u> (North America) .ac (Outside North America)	Strict Registration
Commercial Institutes	.com .co <u>.net</u>	Open Registration
Government Institute	<u>.gov</u> *.gc.ca (Canada)	Strict Registration
Organization	.org	Open Registration

Notes:

Content Evaluation

Quality

- Error-free? Easy to read?
Broken links?
- Are there lots of ads that might make you question the author's motives? (dating, free offers, games)
- Are there a lot of pop up advertisements trying to sell you something?



Relevance

- Geographically relevant? Content too basic/advanced?
Content too specific/broad?

Validity & Accuracy

- Claims supported? Referenced? Biases?

Notes:

Author Evaluation

- Who is the author? Individual or an organization?
- Is the author affiliated with an organization or a company?
- Is the author an authoritative source with experience and proven track record?

Information to look for:

- 'About' section
- 'Info' section
- 'Mission' Statement
- Contact details



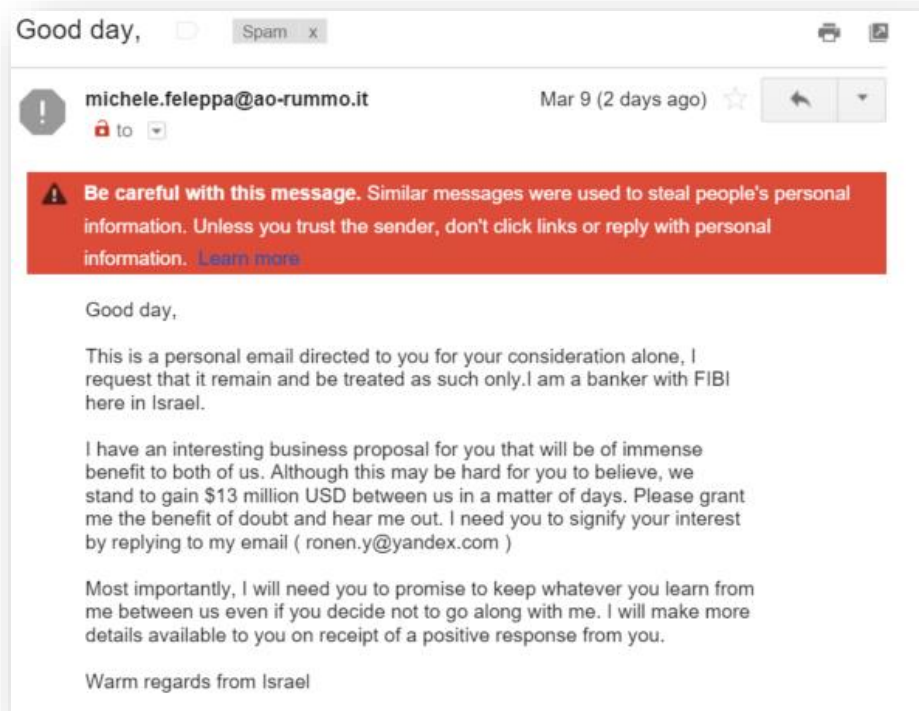
Also, pay attention when the content was published or updated.

Notes:

Potential Online Threats

Financial Scams on the Email

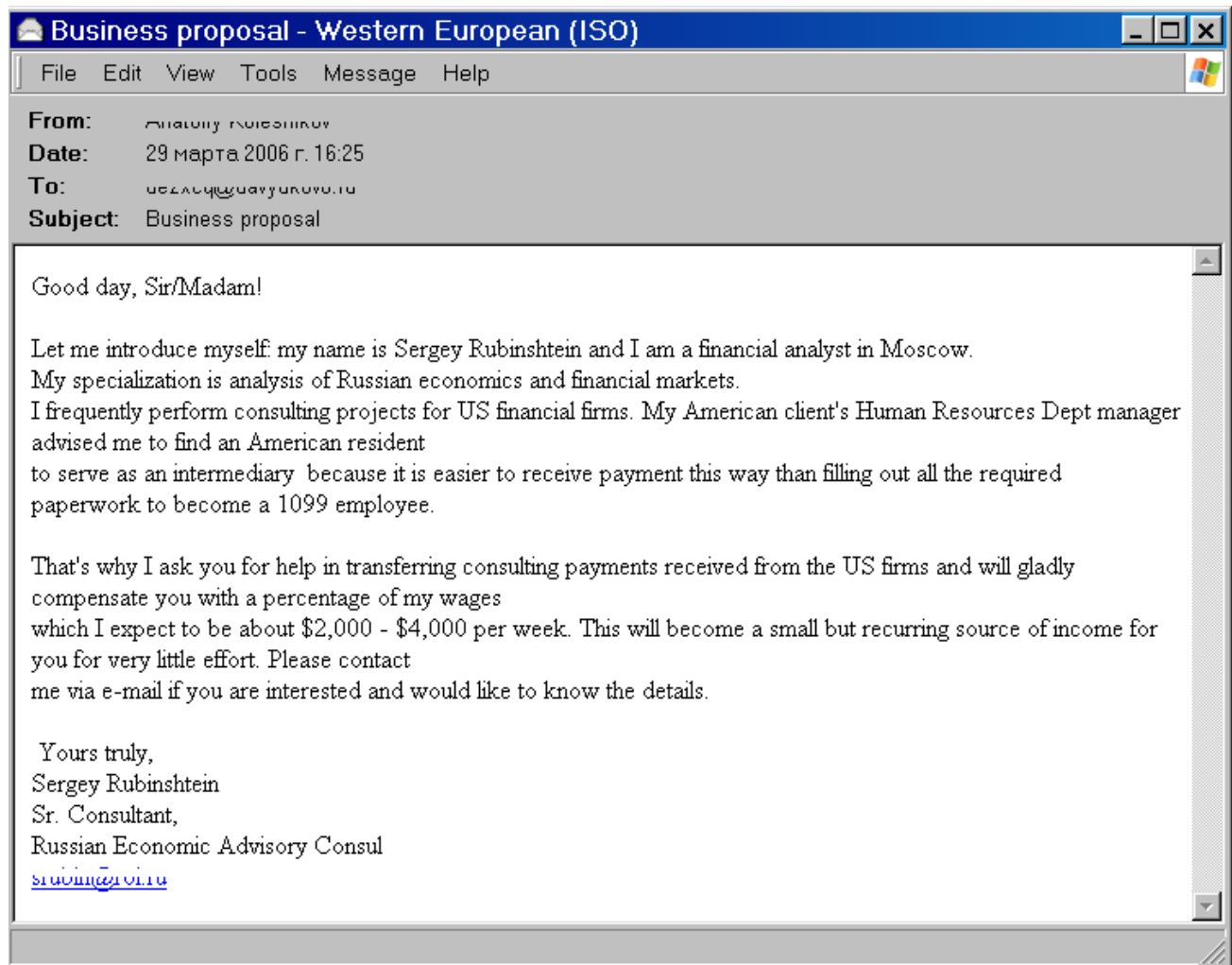
- Typically conducted over email making a donation/investment plea or an 'amazing' earning offer
- Most e-mail providers have strong spam filters to weed these types of e-mails out of your inbox, however, some may get through



Notes:

Easy Money Scams

- Someone claims to be in a financial crisis, and promises to pay the victim a large sum of money if they helped
- Claiming to be having difficulty wiring funds overseas
- Any deal that seems to good to be true, it probably is!



Notes:

Phishing

- Someone pretends to represent a legitimate organization that would never ask for personal information via email
- Goal: To get the victim to disclose their personal and/or financial information

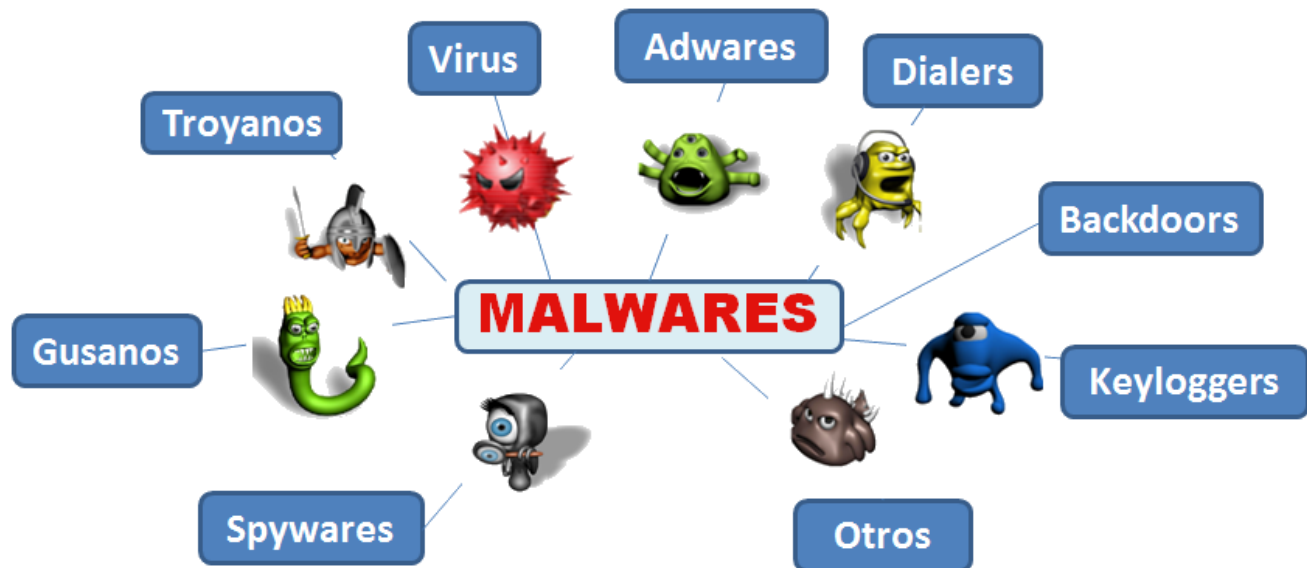
Common characteristics:

- Generic greeting
- Grammar/spelling mistakes
- Require you to update/validate information
- Provides an incorrect link, similar to the correct web address
- Urges immediate action



Malware Programs on the Internet

- Programs designed to inhibit the computer or to gather information from it.
- Typically disguised as other programs
- Installed without the user's knowledge or permission



Viruses

- Self-replicating malware
- Preventing a computer from operating properly and/or blocking the user for taking certain actions
- Slowing down your computer or destroying/damaging files and programs

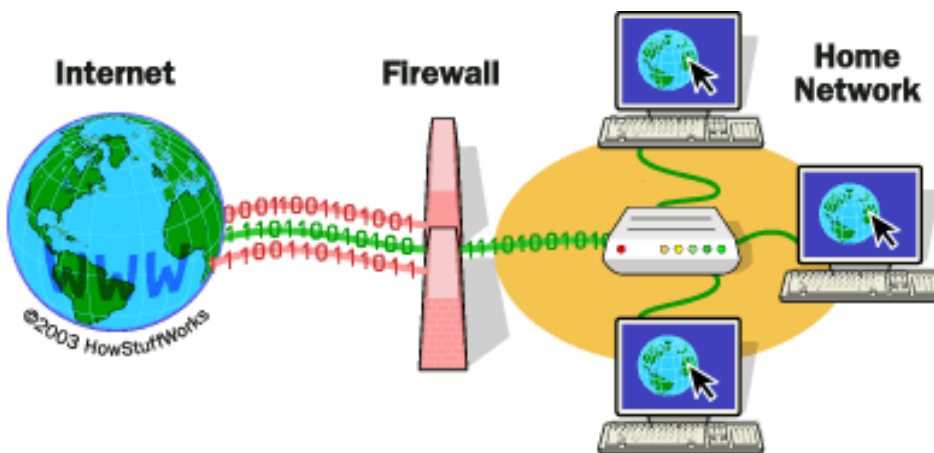
Notes:

Spyware

- Programs that record actions the user takes without their knowledge
- Examples:
 - Tracking your habits for advertising purposes
 - Gathering sensitive financial information

Adware

- Causes unwanted ads and messages
- Not especially dangerous
- Annoying and can slow down your computer
- Download a free Ad Blocker to combat adware



Notes:

Protecting Yourself Online

Common signs of an infected computer:

- Computer runs very slowly
- Unfamiliar popup windows or messages
- Unexpected billing charges



All files on the computer have a “.xyz” tacked on to the file name. These **file extensions** give the computer instructions on how a file is to be used. The **.exe** extension gives the computer instructions to run a program

- Avoid .exe extensions if you are not downloading a program
- Malware programs are typically **small** in size
- Make sure the size is appropriate for what you’re downloading

Notes:

Anti-Virus Software

Antivirus software runs in the background of your computer and alerts the user if it detects anything suspicious

Popular antivirus software (not free):

December 2015					
Name		Protection	Performance	Usability	
 AhnLab V3 Internet Security 9.0		●●●●●●	●●●●●●	●●●●●●	▶
 Avast Free AntiVirus 2016		●●●●●●	●●●●●●	●●●●●●	▶
 AVG Internet Security 2016		●●●●●●	●●●●●●	●●●●●●	▶
 Avira Antivirus Pro 2015		●●●●●●	●●●●●●	●●●●●●	▶
 Bitdefender Internet Security 2016		●●●●●●	●●●●●●	●●●●●●	▶
 BullGuard Internet Security 16.0		●●●●●●	●●●●●●	●●●●●●	▶
 F-Secure Internet Security 2015		●●●●●●	●●●●●●	●●●●●●	▶
 Kaspersky Lab Internet Security 2016		●●●●●●	●●●●●●	●●●●●●	▶
 Panda Security Free Antivirus 16.0		●●●●●●	●●●●●●	●●●●●●	▶
 Norton Norton Security 2015		●●●●●●	●●●●●●	●●●●●●	▶

Notes:

How Anti-virus software works?

- Antivirus software detects malware
- Alerts you to it using a popup window
- Quarantine or remove the malware
 - *Quarantining* = keeps file/program on your computer, but will not allow it to run
 - *Removing* = it will be deleted from your computer

Name	Avast Free Antivirus 2016	AVG AntiVirus Free (2016)	Panda Free Antivirus (2016)	Bitdefender Antivirus Free Edition (2014)	Check Point ZoneAlarm Free Antivirus + Firewall 2016	Lavasoft Ad-Aware Free Antivirus+ 11	Sophos Home	Qihoo 360 Total Security Essential	Comodo Antivirus 8	FortiClient 5.0
Lowest Price	Free Avast	Free AVG Technologies	\$0.00 MSRP	\$0.00 MSRP	Free ZoneAlarm	\$0.00 MSRP	\$0.00 MSRP	Free Amazon	\$0.00 MSRP	\$0.00 MSRP
Editor Rating	●●●●● EC	●●●●● EC	●●●●● EC	●●●●○	●●●●○	●●●●○	●●●●○	●●●●○	●●●●○	●●●●○

Notes: