Digital Natives?: Basics of Information Literacy

Sarah Uthoff, Oxford Public Library
Find links on my blog on the “Information Literacy Presentation” post: https://trundlebedtales.wordpress.com
Information Literate:

Being able to identify, find, evaluate, and use information well

ACRL – Association of College and Research Libraries have a whole page for long definition. Find it http://tinyurl.com/6pkx49a
Information Literacy - Why Is It Important?

• Helps with school work
• Helps in the workplace
• Helps in life decisions (which car should I buy?)
That means information literacy covers a variety of things.

Today I’m going to focus on:

- The Myth of Digital Natives
- Basic Technology Skills That Need Support
- Importance of stopping to think things through
- Strong Passwords
- Website Evaluation
- Echo Chamber of Beliefs
- Organizations You Should Know
When are you a native?

**First Generation:**
- Born in Old Country
- Usually doesn’t speak new language or at least doesn’t speak it very well
- Don’t know or understand rules
- Dependent on Second Generation
When are you a native?

Second Generation:
• Born in New Country
• Usually doesn’t speak language well, but better than parents, Learned it at school
• Will know some rules, but will make up what some are when don’t know
• Has to create own knowledge map of world and role reversal with parents know more than they do

Green means GO
Red means STOP
Yellow Means Go VERY FAST
- Starman

Education and Immigration by Grace Kao, Elizabeth Vaquera, and Kimberly Goyette
When are you a native?

Third Generation:
• Born in New Country
• Speaks language
• Grew up with rules and follows them, but some are the rules their parents made up
• Very sensitive about not knowing things
• Strongly adheres to mainstream group
When are you a native?

Fourth Generation:
• Born in New Country
• Speaks language
• Grew up with rules
• Wants to learn knew things, admits when they don’t
• Often proud of their heritage
• Basically indistinguishable from rest of population

Education and Immigration by Grace Kao, Elizabeth Vaquera, and Kimberly Goyette
Our Digital Natives sound a lot more like second or third generation immigrants to me. So there will be things you can teach them, but they might not think so and may not listen.
Often lacking in basic technology skills needed for tech world
Big Skills are social media, texting, and games

Often unable to break down what steps they took or why

More rote or muscle memory than knowledge
People are online a lot

According to Pew Research
http://tinyurl.com/PROnlineConstantly

• 73% of Americans go online on a daily basis
People are online a lot

Including:

• 21% who go online almost constantly
• 42% go online several times a day
• 10% go online about once a day
• Some 13% go online several times a week or less

Only 13% of adults say they do not use the internet at all

- Pew Research http://tinyurl.com/PROnlineConstantly
But that doesn’t mean they know all things digital!
Think it through –

What is the problem?

What program are you using?

Is it likely from software or hardware?
Save
Often
and
Know
Where
Save Often and Know Where
Toolbar Disappeared

Click here to keep it pinned
Example of things people don’t know

Ctrl – Key Commands

Sarah Sue Uthoff is a respected authority on Laura Ingalls Wilder. Soon after she discovered Laura Ingalls Wilder’s books she was “playing Laura,” visiting the Laura homesteads, and learning how to do the things Laura did around her family farm. When she grew up, she got her degree in history education, got actively involved with living history, one-room schools, and historic foodways, and began to research the history and life around Laura Ingalls Wilder. Uthoff has been visiting Laura’s homesteads in the Midwest on a regular basis since 1983. Much in demand as a speaker on Laura and other topics, Uthoff has presented at several of the Laura homesteads and is on the Humanities Iowa Speakers Bureau. She’s been involved in several historical preservation endeavors, most recently running a national campaign to identify letters written by Laura. A reference librarian at Kirkwood Community College in Cedar Rapids, Iowa and director of the Oxford Iowa Public Library, Uthoff is an editor of and frequent contributor to The Homesteader. Uthoff’s most recent project has been hosting a podcast on Laura and related topics. Look for her all over the web under Trundlebed Tales.
Example of things people don’t know

Alt – Key Symbols

Alt Codes, list of alt key codes alt symbols and characters. This is the alt code characters table from 0-255 decimal numbers. Check how to use alt code characters to learn the use of alt codes.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>☺</td>
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</tr>
<tr>
<td>☻</td>
<td>2</td>
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<tr>
<td>♥</td>
<td>3</td>
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</tbody>
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Image used with permission http://www.alt-codes.net
Gizmodo and Splashdash collected the most common passwords from stolen password collections used in 2015.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Password</th>
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</tr>
<tr>
<td>2</td>
<td>password</td>
</tr>
<tr>
<td>3</td>
<td>12345</td>
</tr>
<tr>
<td>4</td>
<td>12345678</td>
</tr>
<tr>
<td>5</td>
<td>qwerty</td>
</tr>
<tr>
<td>6</td>
<td>123456789</td>
</tr>
<tr>
<td>7</td>
<td>1234</td>
</tr>
<tr>
<td>8</td>
<td>baseball</td>
</tr>
<tr>
<td>9</td>
<td>dragon</td>
</tr>
<tr>
<td>10</td>
<td>football</td>
</tr>
</tbody>
</table>
A good password contains:
• At least 8 characters
• A mix of alphabetic numeric upper and lower case and special characters, but sometimes what you can use is determined by website

From Password Advice Kirkwood Community College
http://tinyurl.com/KirkwoodPasswords
A good password contains:

- Security experts now recommend using an acronym for a sentence. For example, My new TV is from 03 = MnTif03

From Password Advice Kirkwood Community College
http://tinyurl.com/KirkwoodPasswords
Passwords
Write Them Down
Identify Parts of a Website

• Title of Page
• Name of Site
• Author
• Last Updated

Does your website have that information?
CRAAP =

C - Currency
R - Relevance
A - Authority
P - Accuracy
P - Purpose
Echo Chamber of Beliefs

An article from the May 1, 2013 issue of *Wired* explains this Echo Chamber:

*Personalization of everything, from Google Search to Facebook, works to keep your interactions with things, topics, and people you already know and like.*
“you surround yourself with voices that echo similar opinions to those you’re feeding out...they will be reinforced in your mind as mainstream, to the point that it can distort your perception of what is the general consensus...”
Trolling, while a genuine problem, has also created a mindset where any dissenting voice must be just stirring up trouble or generally being a terrible person.
Echo Chamber article ...

Only hearing your own community of like-minded responses means facing “opposite responses, [causes] causing each party to retreat within their own personal echo chamber for reassurance” rather than open minded debate.
What lives Online

- Your Contacts
- Your Photos
- Your Words
- Your Records
- Your Financial Records
What happens to your online stuff after you die?
Digital Will

Online Bills –

Can someone else pay?

Without paper copy coming will they even realize they exist?

Digital Will

Loss of Data –

Photos, Videos
E-mails and other contacts
Recordings of favorite songs playlists
Money information
Memberships

Digital Will

Losing Control of Your Personal Legacy –

What will happen to what you’ve placed online?

Without access to accounts that is up to the websites (Facebook, YouTube, Twitter, Google, etc.) that you’ve dealt with.

Create Digital Will

1. Take Inventory – What do you have?
2. What do you want to happen to your digital stuff?
3. E-mail is the key – both filing cabinet and master key
4. There are companies set up to help

Create Digital Will

Write down account information and share with

selected person

Attorney, Executor, Family Member or

online representative

Do NOT put in actual will. They are public documents.

Organizations You Should Know
National Information Literacy Awareness Month

http://tinyurl.com/qcr9anu
Welcome to the Information Security Office

The State of Iowa Information Security Office is pleased to offer this cyber security resource to Iowans and to our Internet visitors. The materials provided on this site are designed to help you learn more about cyber security and to act in a more secure manner, both at home and work. You’ll find items for kids, parents, teachers, IT professionals, citizens, as well as information useful to government and businesses. As you will discover, cyber security is everyone’s responsibility, and the person that can best protect you from cyber threats... is you. We invite you to learn what you can and to share that knowledge with your friends, family, and colleagues.

Please take some time to look around the website, and let us know if you find it helpful. If you have any questions, comments, or concerns please let us know.
The Internet Keep Safe Coalition

The Internet Keep Safe Coalition group teaches basic rules of Internet safety to children and parents, reaching them online and in school. Governors and/or first spouses formed this coalition in partnership with a growing list of crime prevention organizations, law enforcement agencies, foundations and corporate sponsors.

i-SAFE

i-SAFE is a non-profit foundation whose mission is to educate and empower youth to make their Internet experiences safe and responsible.

Project Safe Childhood

Protecting children from online exploitation and abuse. This project is an initiative of the Department of Justice.

Net Cetera Chatting with Kids About Being Online

The Internet offers a world of opportunities, but they can come with certain risks to kids. This free guide developed by the Federal Trade Commission helps parents protect their kids and talk to them about living their lives online. Visit the link above to read or download the guide in PDF format.

Heads Up: Stop. Think. Connect

The Internet offers a world of opportunities, but they come with certain risks. This booklet for kids helps them socialize online safely. Visit the link above to read or download the guide in PDF format.