

Developing Digital Literacy Skills

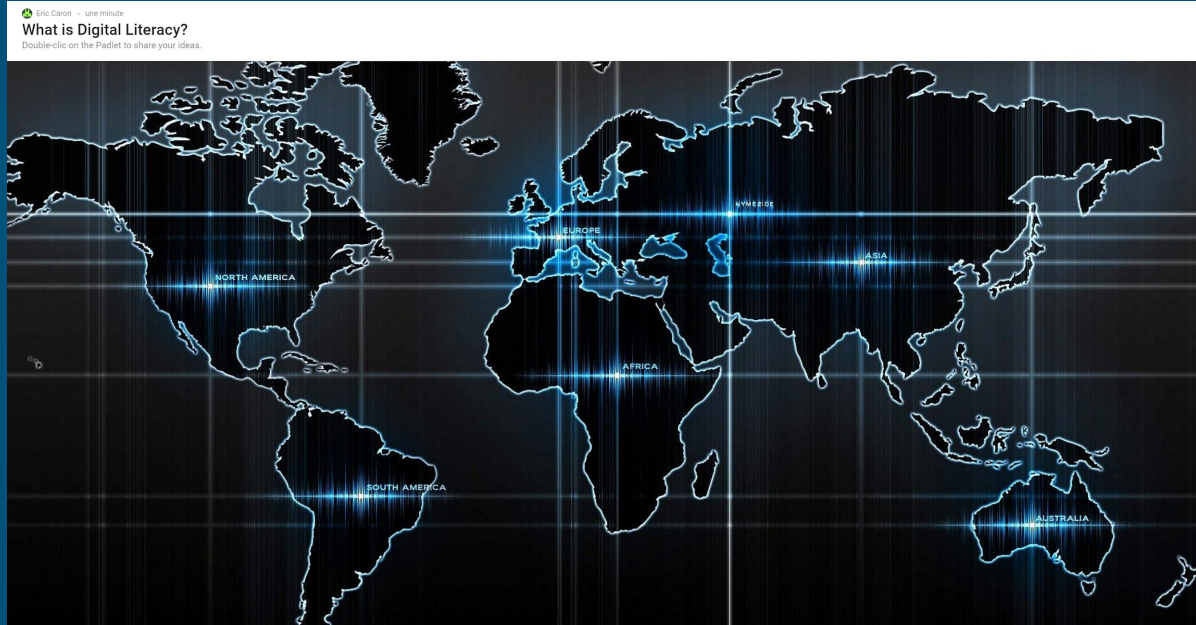


of our Students in the 21st Century

by Éric Caron



What is Digital Literacy?



<https://goo.gl/PaxAxZ>



What is Digital Literacy?

“Digital literacy is the ability to understand information and –more important –to evaluate and integrate information in multiple formats that the computer can deliver. Being able to evaluate and interpret information is critical [...] you can’t understand information you find on the Internet without evaluating its sources and placing it in context”.

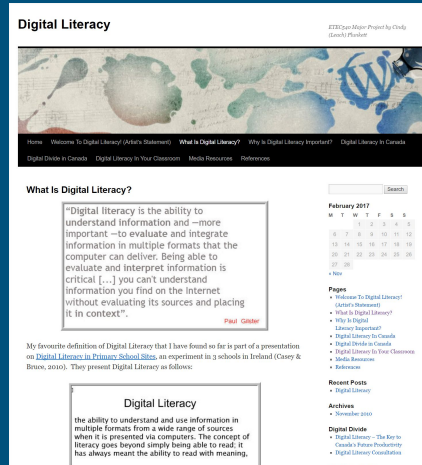
Paul Gilster

Digital Literacy

the ability to understand and use information in multiple formats from a wide range of sources when it is presented via computers. The concept of literacy goes beyond simply being able to read; it has always meant the ability to read with meaning,

Digital Literacy

Digital Literacy is the awareness, attitude and ability of individuals to appropriately use digital tools and facilities to identify, access, manage, integrate, evaluate, analyse and synthesize digital resources, construct new knowledge, create media



Source: <https://cleach.wordpress.com/what-is-digital-literacy/>

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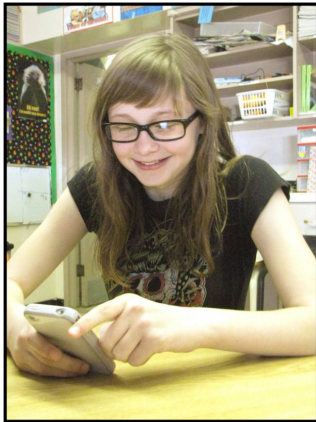


Did you know? Shift Happens...



Digital Citizenship Policy Development Guide

Digital Citizenship Policy Development Guide



Alberta

4. Digital Literacy

Introductory skills and development of technical skills by students does not equate to deep understanding of appropriate use of digital technologies. boyd's extensive research (2009) suggests that media literacy among networked teens is extremely varied and that they have virtually no media literacy training.

Even introductory level skills are not necessarily strong among students. Livingstone & Haddon's (2011) research indicates:

- Only 36% of children aged 9 to 16 perceived that it was *very true* that they knew more about the Internet than their parents;
- 66% of children aged 9 to 10 say it is *not true* that they know more about the Internet than their parents;
- 37% of students did not have the skills associated with finding safety information online;
- 36% of students were unable to bookmark a website;
- Nearly 50% could not change privacy settings on a social networking profile; and
- Over 50% were unable to block spam.



As noted by Livingstone & Haddon, "Talk of digital natives obscures children's need for support in developing digital skills" (p. 42).

Ribble (2011) points out the importance of students understanding the specifics of digital tools, but also points out that students must have opportunity for this tool set to be part of the school's curriculum to explore how it may be used appropriately. A significant element in this picture is the development of teachers' abilities in using technology and how to plan and engage students using meaningful digital technologies in appropriate ways.

The Nine Elements of Digital Citizenship

According to digitalcitizenship.net, the nine elements (or themes) of digital citizenship are:^[18]

1. **Digital access:** This is perhaps one of the most fundamental blocks to being a digital citizen. However, due to socioeconomic status, location, and other disabilities- some individuals may not have digital access. Recently, schools have been becoming more connected with the internet, often offering computers, and other forms of access. This can be offered through kiosks, community centers, and open labs. This most often is associated with the digital divide and factors associated with such. Digital access is available in many remote countries via cyber cafés and small coffee shops.^[19]
2. **Digital commerce:** This is the ability for users to recognize that much of the economy is regulated online. It also deals with the understanding of the dangers and benefits of online buying, using credit cards online, and so forth. As with the advantages and legal activities- there is also dangerous activities such as illegal downloads, gambling, drug deals, pornography, plagiarism, and so forth.
3. **Digital communication:** This element deals with understanding the variety of online communication mediums such as email, instant messaging, Facebook messenger, the variety of apps, and so forth. There is a standard of etiquette associated with each medium.
4. **Digital literacy:** This deals with the understanding of how to use various digital devices. For example, how to properly search for something on a search engine versus a database. How to use various online logs. Oftentimes many educational institutions will help form an individual's digital literacy.
5. **Digital etiquette:** As discussed in the third element, digital communication, this is the expectation that various mediums require a variety of etiquette. Certain mediums demand more appropriate behavior and language than others.
6. **Digital law:** This is where enforcement occurs for illegal downloads, plagiarizing, hacking, creating viruses, sending spams, identity theft, cyberbullying, and so forth.
7. **Digital rights and responsibilities:** This is the set of rights digital citizens have such as privacy, speech, and so forth.
8. **Digital health:** Digital citizens must be aware of the physical stress placed on their bodies by internet usage. They must be aware to not become overly dependent on the internet causing eye strain, headaches, stress problems, and so on.
9. **Digital security:** This simply means that citizens must take measures to be safe by practicing using difficult passwords, virus protection, backing up data, and so forth.

Source: https://en.wikipedia.org/wiki/Digital_citizen#The_nine_elements_of_digital_citizenship

Future of Jobs...



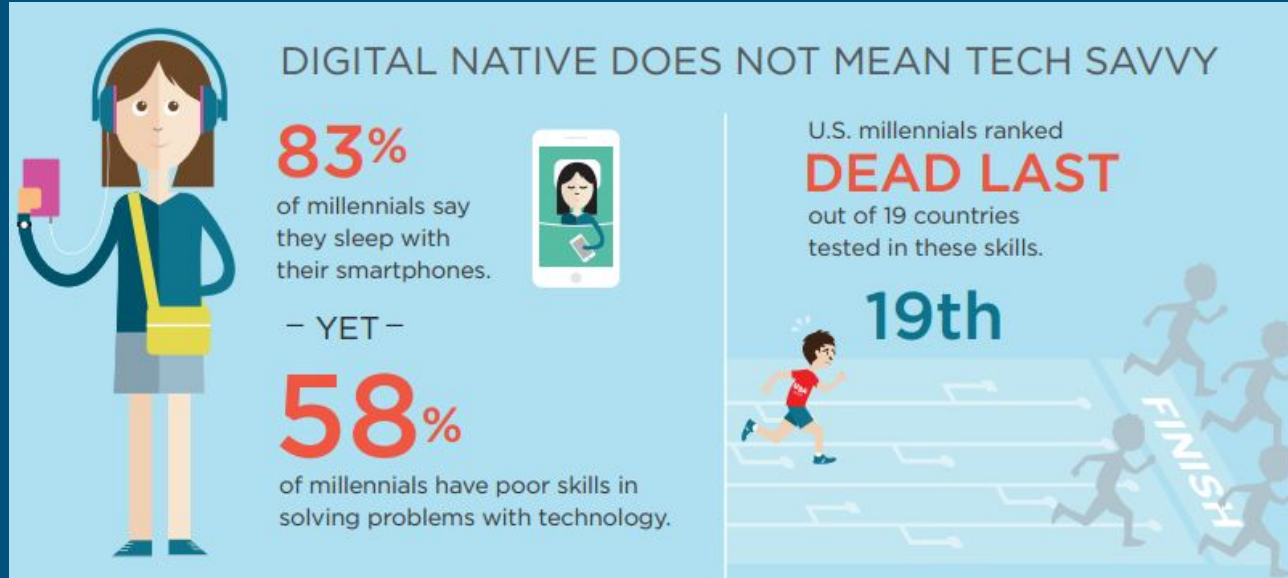
Digital Tools and Activities



<https://goo.gl/g16cqA>



Digital Native Skills



Source: <http://www.geeklawblog.com/2015/10/the-myths-of-digital-native-part-1.html>



Digital Footprints



Digital Footprints - Some Reasons to Care



This is a Miracle!



Digital Safety

What are the dangers of the Internet?

- Choose one topic.
- Search for information about that one.
- Decide which digital tool is the best one to share your work to the group (slides, movie, podcast, etc.)

Amanda's Story



Think U Know



Evaluation

<https://goo.gl/wDWYqU>

Thanks!!!