MOBILE INFORMATION LITERACY CURRICULUM

Module 2 Slides:

A Mobile Lens on the Internet
About the Curriculum

As millions of people come online across the globe through mobile devices, mobile information literacy is vital for those who have leapfrogged from traditional media to digital devices that provide instant access to information. Mobile information literacy is necessary to help people learn how to find and evaluate the quality and credibility of information obtained online, understand how to create and share online information effectively, and participate safely and securely. Mobile information literacy is critical to help people better consume, generate, and disseminate trustworthy information through both digital and traditional media.

The curriculum focuses on critical thinking in a digital environment of smart phones, mobile phones, and tablets, filling a critical gap in digital information literacy curricula. Existing curricular models assume people learn on a personal computer (PC). While this has been the case historically, the next billion people coming online will most likely learn on a mobile device. This has huge implications for how people get online, how they access and experience the internet, how much they produce in addition to consume information, and even how they conceptualize the internet itself. For instance, research shows that in Myanmar (and many other countries) more people use Facebook than the internet. Mobile-specific practices, such as zero-rating, mean people are coming online much more frequently through a handful of “walled garden” applications without an understanding of and similar access to the broader internet. Also, some mobile applications and websites don’t offer the full functionality of their PC counterparts. The curriculum aims to address these differences and empower mobile internet users to be equal participants in the online world.

- Module 1: Introduction to Mobile Information and Communication Technologies (ICTs)
- Module 2: Introduction to the Mobile Internet
- Module 3: Basic Web Searching via Mobile Devices
- Module 4: Working Online and Using Information via Mobile Devices
- Module 5: Putting It All Together
- Module 6: Module 5 Project Presentations

More information about this curriculum can be found here: http://tascha.uw.edu/mobile-information-literacy-curriculum

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If you have questions on the curriculum or would like more information on how we can help, please email us at tascha@uw.edu. We also encourage individuals and organizations that use and adapt this curriculum and training to provide us with any feedback, ideas, and adapted materials. There are many ways you can do this: email tascha@uw.edu, leave a comment and upload materials on the main Mobile Information Literacy curriculum webpage http://tascha.uw.edu/mobile-information-literacy-curriculum, and/or participate on our Facebook page https://www.facebook.com/MobileInformationLiteracy.

Recommended Citation
Module 2 Description

A Mobile Lens on the Internet

This module covers a brief overview of the development and evolution of the internet, the World Wide Web, and browsers. By the end of this module, participants will have a basic understanding of the internet and the World Wide Web.

Prerequisites:
Module 1: Introduction to Mobile Information & Communication Technologies (ICTs)
Outline

• Module overview
• Intro to the Internet
• Intro to the World Wide Web
• Web browsers
• Break
• Activity 2.1: Identifying Browser Elements & Navigation
• Activity 2.2: Search the Web Across Platforms
• Activity 2.3: Hyperlinks and Hypertext
• Activity 2.4: Tabs and Bookmarks
Module 2 Overview

Topics covered:
• Development and evolution of the internet, the World Wide Web, and web browsers

Questions you will be able to answer at the end of this module:
• What is the internet?
• What is the World Wide Web?
• What is the difference between the internet and the web?
• How do I find information on the internet?
• What are the advantages and disadvantages of the different ways to find information on the web?
• How do I save and share information that I find on the web?

Duration of module:
1 hour, 20 minutes (80 minutes)
What is the Internet?

Network of Networks that forms an information infrastructure
The Internet

The internet is a Network of Networks that forms an information infrastructure

How are Networks Connected?

Image source: Clip Art Panda (http://www.clipartpanda.com/clipart_images/classroom-clipart-3410911)
Undersea Cable Network

Allows for global exchange of information on the International Network

What is the World Wide Web?

• The World Wide Web (or Web, for short) is one way of accessing and visualizing information on the Internet.

• HTTP (Hypertext Transfer Protocol)

Example:

• [http://www.facebook.com](http://www.facebook.com)
World Wide Web

The Web Before...CLI

• Facebook using the Command Line Interface
The Web After...Web Browsers

- Facebook using a Web Browser
The Web Before...CLI

- YouTube using the Command Line Interface
The Web After…Web Browsers

• YouTube using a Web Browser
Web Browsers

Common Web Browsers:

- Internet Explorer
- Google Chrome
- Opera
- Safari
- Firefox
Break: 5 Minutes
Activity 2.1: Browser Navigation

**Demo:** General navigation elements in desktop browser

**Group Work**
Identify the following elements in various browsers:

- Tabs
- Address / Search Bar
- Navigation Swipe / Buttons (Forward & Back)
- Refresh
- Scroll bars
- Bookmarks
- Sidebar
Activity 2.2: Browsers Across Platforms

Demo: Searching on the web

Group Work:
Open Facebook in a browser and app on your devices. Compare your search results across these platforms
• What did you notice about your search results?
Activity 2.3: Hypertext and Hyperlinks

- Hyperlinking makes the web a very powerful system
- Hyperlinks vs. Hypertext

Group Work:
- Open a Link Hyperlink / Hypertext
- Identify Hyperlinked information using Hypertext
- Share / receive Hyperlinked information using Hypertext
Activity 2.4: Tabs and Bookmarks

Demo: Tabs and bookmarks using desktop browsers
   • Single
   • Tabbed

Group Work:
   • Save 3-5 bookmarks on your device browser
   • Close your browser completely
   • Reopen your browser and open your bookmarks
   • What differences do you note from the demo?
Review

Topics Covered:
• Development and evolution of the Internet, the World Wide Web, and Web browsers

Concepts Learned:
• What is the Internet?
• What is the World Wide Web?
• What is the difference between the Internet and the Web?
• How do I find information on the Internet?
• What do I find information on the Web?
• What are the advantages and disadvantages of the different ways to find information on the Web?
• How do I save and share information that I find on the Web?
End of Module 2

Congratulations!!!

You have completed Module 2: A Mobile Lens on the Internet
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