

Emerging Technology as Assistive Technology

The iPad, Accessibility, and Libraries

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<http://bit.ly/MSULibCon11>

What to expect

This session will discuss iPad accessibility features such as Zoom and VoiceOver, iPad applications designed to meet access needs, and how libraries can utilize iPads as low cost, flexible assistive technology solutions.

What to expect

- **Basics**
 - Library users and their access needs
 - What's assistive technology?
 - What's an iPad?
- **iPad accessibility features**
 - Vision
 - Hearing
 - Motor/physical

What to expect

- Apps
 - Built-in applications vs. developer apps
 - How to find apps for access
 - Specific apps
- Implications for libraries

**People and their disabilities
are unique**

Assistive technology

“Any item, piece of equipment, or product system, whether acquired commercially, modified, or customized, that is used to increase, maintain, or improve functional capabilities of individuals with disabilities.”

iPad

“Apple’s mobile, connected, multi-touch tablet device.”

iPad accessibility features

Vision

- VoiceOver
- Zoom
- Large text
- White on black
- Speak auto-text
- Triple-click home

Hearing

- Mono audio
 - Additional audio options
 - Headphone jack
 - Bluetooth audio
- FaceTime
- Closed captioning
- Visual alerts

Physical/motor

- Size, weight
- Large display
- Tactile buttons
- Multiple orientations (sense or lock)
- Predictive text
- External keyboard support

Apps

- Built-in applications vs. developer apps
 - How to find apps for access
 - Specific apps

Apps for access

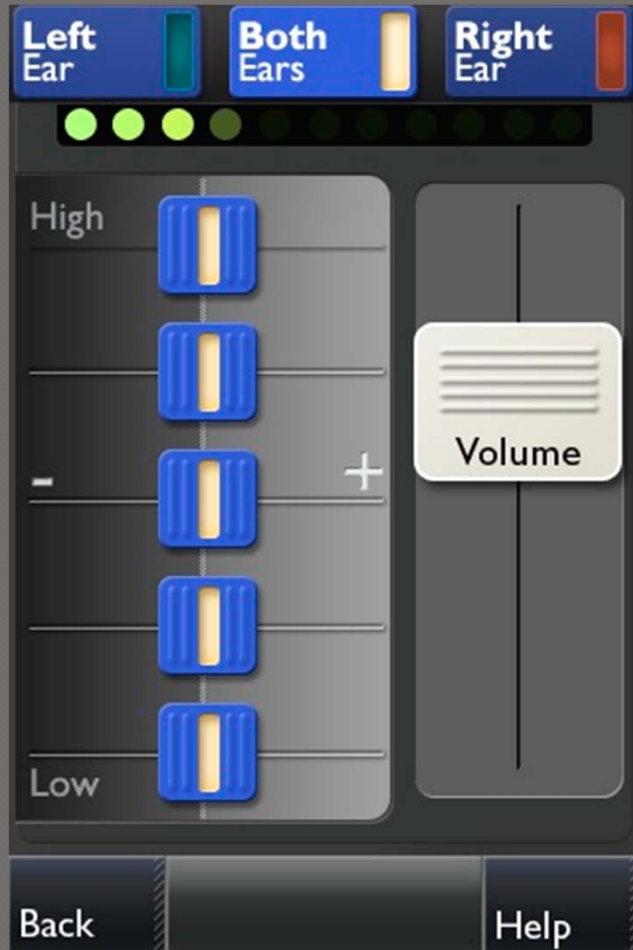
- App Store
 - “Special Education”
- Tools for Life
- Appolicious
 - Luis Perez (LuisP on Appolicious)

Proloquo2Go



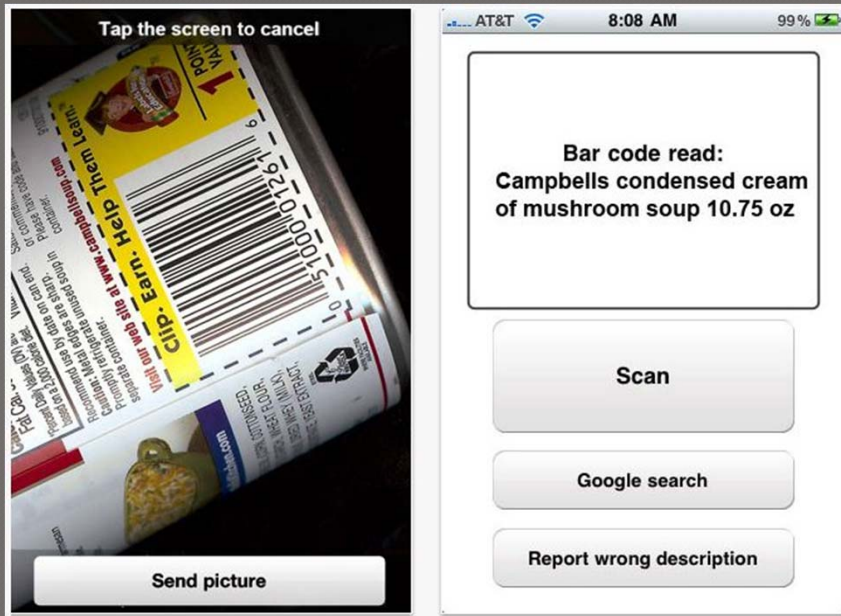
- “Proloquo2Go provides a full-featured augmentative and alternative communication solution for people who have difficulty speaking.”
- [Preview](#)
- [Developer site](#)

soundAMP R



- “Amplify the world around you discreetly with iPhone and iPod touch.” Can use on iPad.
- Amplify, record, replay.
- [Preview](#)
- [Developer site](#)

Digit-Eyes



- Audio scanner and labeler.
- Users can also create and print their own labels.
- Preview
- Developer site

Eye Glasses



- Uses camera to display text or imagery.
- 2x, 4x, 6x, and 8x magnification available.
- [Preview](#)
- [Developer site](#)

Sign 4 Me



- Sign language instruction and “translator.”
- Preview
- Developer site

ZoomReader

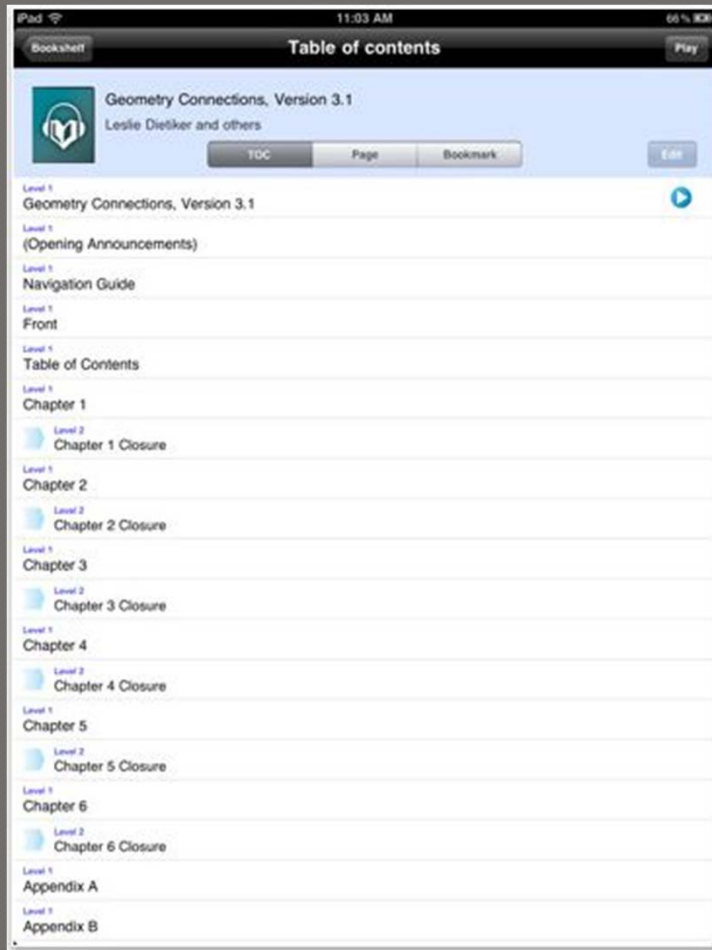


- Converts image into text using OCR and reads the text back “using a natural-sounding voice.”
- Coming to iPad?
- [Preview](#)
- [Developer site](#)

Nook, Kindle, iBooks

- iBooks
 - Apple
 - VoiceOver
 - Reads aloud ePub titles and accessible PDF documents (email to self or sync in iTunes library)
- Nook (Barnes & Noble) & Kindle (Amazon) apps
 - Little to no VoiceOver^{*,**}
 - Font, color, brightness options
 - Reads aloud TTS-enabled (Kindle) and “Read to Me” (nook) titles

Learning Ally Audio



- Learning Ally (formerly RFB&D; called RFB&D Audio in App Store).
- Allows users to listen to downloadable DAISY-formatted books.
- [Preview](#)
- [Developer site](#)

Libraries

- Who's doing it?
- Considerations
- Brainstorming & idea exchange

Thank You!

Presentation materials available at
<http://bit.ly/MSULibCon11>