AT for Vision Access in Education and Beyond

Danny Housley
IDEAS 2019
CIDI creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- Accessibility Consulting
- Braille Services
- Captioning Services
- Professional E-Text Producers
- Certified Assistive Technology
Tools for Life

Tools for Life, Georgia’s Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work, and play independently and with greater freedom in the communities of their choice.
Tools for Life offers online professional development to help you learn more about assistive technology strategies and solutions, as well as the most recent information on AT devices and disability related issues and trends.

Webinar content and materials are developed and presented by one of the Tools for Life team members along with other regional and national leaders in the assistive technology community.

To join the TFL mailing list to receive our email announcements, visit www.gatfl.gatech.edu.
What AT is the *right* AT?
Ask!
Environmental factors
Placement
Low tech options are just as important as mid/high tech (also, more affordable)
Spatial considerations
What has the student already used?
Asking Avoids Tech Abandonment (and future frustration)
Low Tech Solutions
Inexpensive and Reliable
Mid Tech Mid Price
High Tech Solutions
High Tech High Value
Something to Consider: Software
Apps for Independence
App Finder Database

http://www.gatfl.gatech.edu/favorite-search.php

Choose between Apple, Microsoft, Android and Blackberry

Search by app function or name

Search by price

“Our favorites”
Optical Character Recognition

- Several options and various price points
- Handwriting can be tricky

1. Seeing AI – Free (multi-function)
2. KNFB Reader – $99
3. Office Lens – Free (great for students)
Apps for Identification

Using your camera to get descriptions

1. TapTapSee – Free
2. Google Goggles – Free
3. CamFind – Free
4. Seeing AI – Free
Note Taking

How to input?

Organizing/Annotating

1. GoodNotes – $7.99
2. Liquid Text – Free
3. Evernote – Free
4. OneNote – Free
Wearables for Access
The Fastest Growing Market
Head Based Video Magnifiers
OrCam My Eye

Device that attaches to glasses:

- OCR
- Facial recognition
- Product recognition
- Wireless
- Point of Gaze
Apple Watch

• Send and receive texts/calls
• Apps
• Can be used for fitness
• Heart rate monitor
• GPS
• “Hey Siri”
• Haptic feedback
• Fall detection
Dot Watch

- Pick up or decline calls
- Text messages in Braille!
- Calendar
- Weather
- 10 day battery
Proximity Alerts
Braille Access on the Go!
Braille is Empowering!
The More Cells the Better
Canute

360 cells: nine line of forty characters of Braille

Supports all six-dot Braille codes (including music, maths and foreign languages) and tactile graphics

2 X USB A; 1 X USB A; Video out, SD Card slot; 3.55mm audio out

Estimated $1,300 – in development
Don’t Forget Alternate Formats
The Tools for Life Team

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