Vision Supports for the Classroom

Danny Housley

IDEAS 2018

AMAC Accessibility

AMAC creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- **Accessibility Consulting** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and web accessibility solutions.
- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics
- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.
- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.
- **Certified Assistive Technology team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.
- For more information: www.amacusg.org

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TOOLS for LIFE

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 communities of their choice.

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NWGA CIL
disABILITY LINK
the center for rights & resources
Disability Resource Center
MULTIPLEchoices
Center for Independent Living
TOOLS for LIFE
Georgia's Assistive Technology Act Program
WALTON Options for Independent Living
Credit-Able
C4ATX
Center4ATExcellence
LIFE
fodac
Access Independence
Disability Connections
The Middle Georgia Center for Independent Living, Inc.
Coastal Regional Commission
OF GEORGIA
AREA AGENCY ON AGING
BAIN, INC.
Center For Independent Living

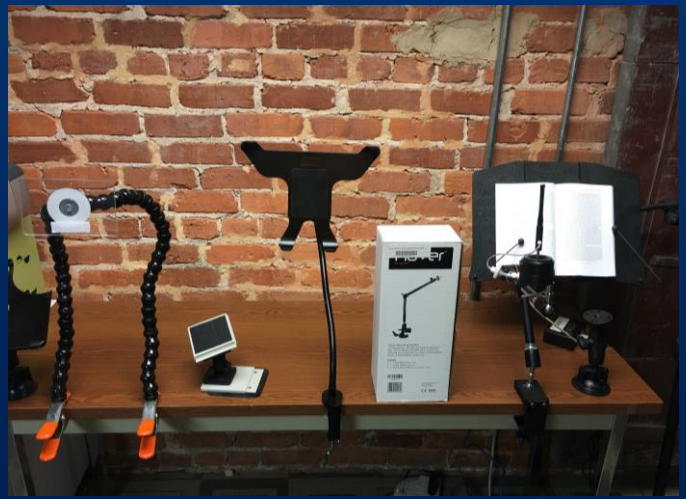
Professional Development

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

AT Solutions Lab



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What AT is the *right* AT?

It’s Not About You

- 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

Low Tech Options

Inexpensive and Reliable Options

Medium Tech Options

Medium Tech at Various Prices

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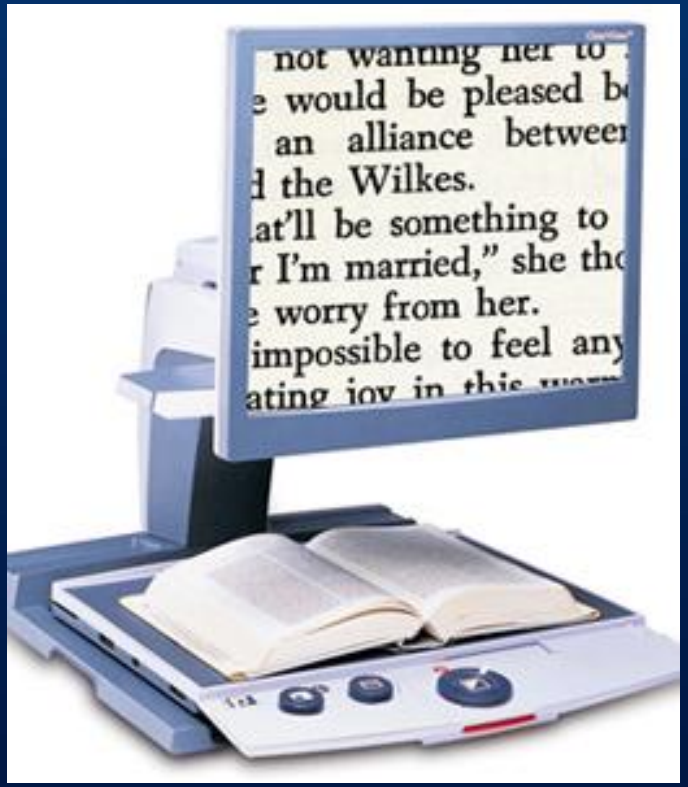

High Tech Options

High Tech High Value

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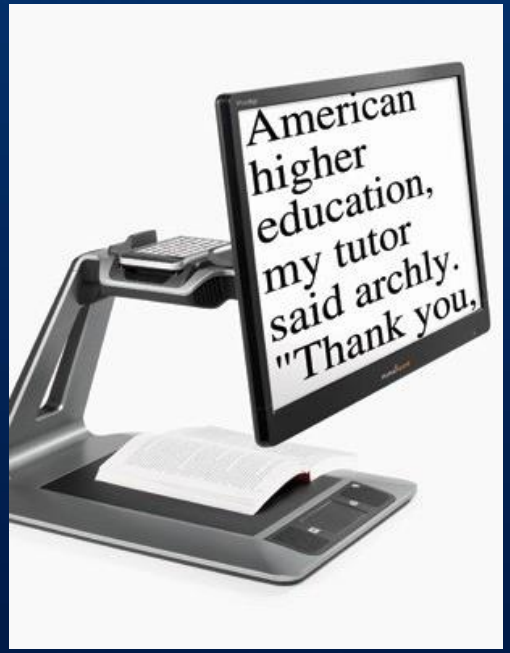

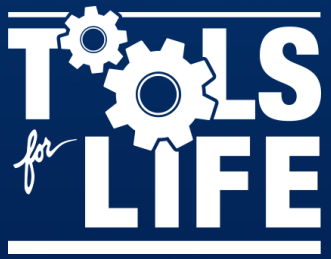

Software (Hard Price)

Making Computers More Accessible

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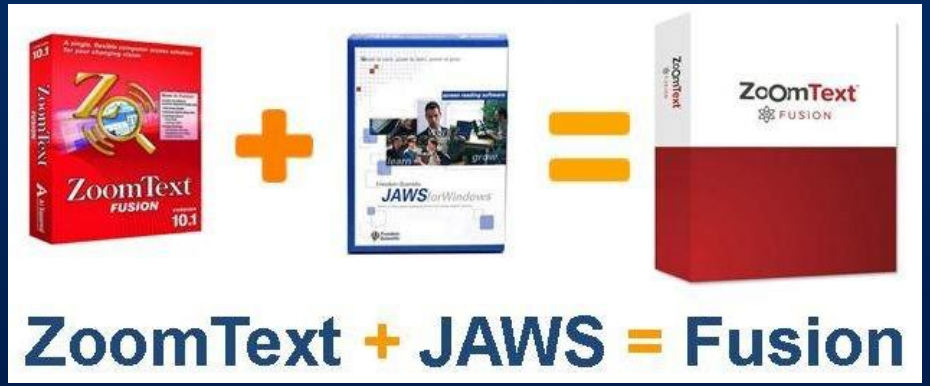
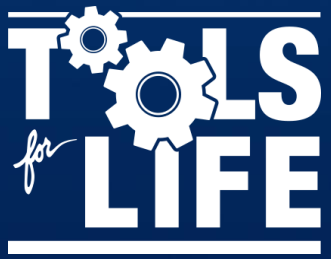
HARTGEN CONSULTANCY





There is still an app for that

Tools for Life App Finder Database

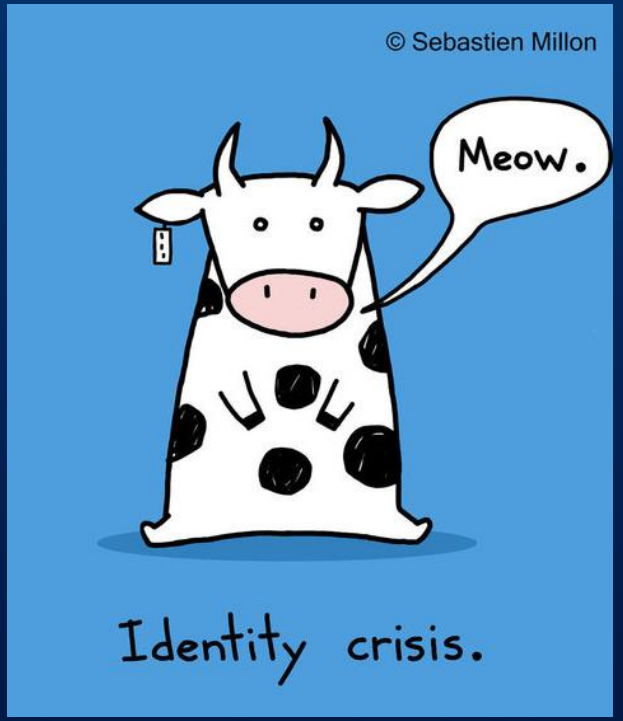
- http://www.gatfl.gatech.edu/favorite-search.php
- Choose between Apple, Microsoft, Android and Blackberry
- Search by app function or name
- Search by price
- “Our favorites”

OCR

- Optical Character Recognition
- Many options and various price points
- Not a good option for handwriting, images can be tricky
- KNFB Reader- $99
- Prizmo- 9.99
- Office Lens- Free

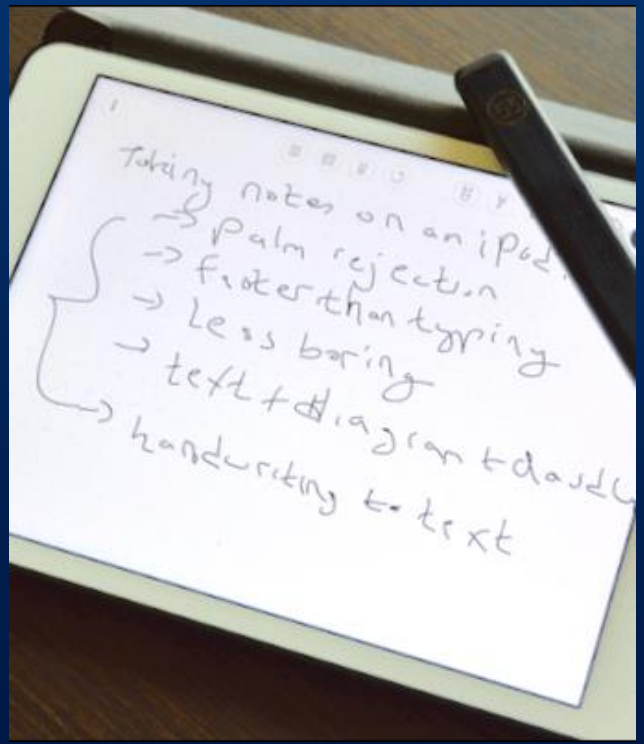
Apps for Identification

- Use the camera to get descriptions and products
- CamFind- Free
- TapTap See- Free
- Google Goggles- Free
- Seeing AI- Free



Note Taking

- Input
- Organization
- Annotation
- Zoom
- Goodnotes, $7.99
- Evernote, free
- Liquid Text, free



Scanning

- Accessibility in a pinch (literally)
- Great for receipts, class notes, handouts, etc
- Synchs to the cloud
- Easy to save to a note taking app
- Office Lens, free
- Scanner Pro, $2.99
- Your camera, free

Wearable Technology for Vision Access

- Device that attaches to glasses
- OCR
- Facial recognition
- Product recognition
- Various ways to trigger it
- OCR Only- $2,500
- All features- $3,500

NuEyes

- https://nueyes.com/
- $6,195
- Variable Magnification from 1x-12x
- Various contrast and color changes
- Voice Activated
- Wireless
- Lightweight Design
- 2 Year Warranty
- Text-to-Speech (OCR)
- Stream TV and Movies to the Glasses
- Full Android Computer
- Internet Browser
- Email
- Barcode and QR Scanner
- Social Media Applications

Apple Watch

- Send & Receive Texts/Calls
  - “Inner Circle”
- Apps
- Can be used for fitness
  - Heart Rate Monitor
  - GPS
  - Accelerometer
- “Hey Siri”
- Haptic feed back
- Calendar
- From $329+

BuzzClip

- small and discreet wearable for people that are blind or partially sighted
- uses ultrasound to detect obstacles that may lie directly in one's path
- offers essential head level obstacle detection
- $149
- BuzzClip

Questions?
Comments?
Small Jokes?

The Tools for Life Team

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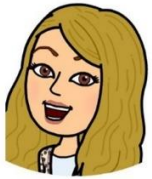

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TOOLS for LIFE

Georgia's Assistive Technology Act Program

AMAC ACCESSIBILITY

Disclaimer

Disclaimer: Produced by Tools for Life (TFL), which is a result of the Assistive Technology Act of 1998, as amended in 2004. TFL is a program of the Georgia Institute of Technology, College of Design, AMAC Accessibility Solutions and Research Center and was made possible by Grant Number H224C030009 from the Administration for Community Living. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of HHS.