



## Tools, Tips, and Tricks on Mobile and Web Platforms for Users With Disabilities

**Session Begins 1:00 pm CST**  
**Periodic Audio Testing Occurring**

## Useful Keyboard Shortcuts

- Full list - *Keyboard Shortcuts* from the *Help* menu on the Menu Bar.
- Chat: Move cursor to the Message text box
  - Windows:                      Ctrl+M
  - Mac:                              Command-M
- Speaker level Up:
  - Windows: Ctrl+Alt+Up Arrow
  - Mac:                              Command-Option-Up Arrow
- Speaker level Down:
  - Windows: Ctrl+Alt+Down Arrow
  - Mac:                              Command-Option-Down Arrow

## More keyboard shortcuts

- Open Closed-Captioning window

Windows: Ctrl+F8

Mac: Command-F8

- Close Closed-Captioning window

Windows: Alt+F4 or Ctrl+W

Mac: Command-W

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## Listening to the Webinar

- The audio for today's webinar is being broadcast through your computer. Please make sure your speakers are turned on or your headphones are plugged in.
- You can control the audio broadcast via the Audio & Video panel. You can adjust the sound by "sliding" the sound bar left or right.
- If you are having sound quality problems check your audio controls by going through the Audio Wizard which is accessed by selecting the microphone icon on the Audio & Video panel.



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## Listening to the Webinar, *continued*

If you do not have sound capabilities on your computer or prefer to listen by phone, dial:

**712-432-6297**

**Pass Code:**

**558341#**

This is **not** a Toll Free number

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## Listening to the Webinar, *continued 2*

MOBILE Devices supported include iPhone, iPad, Android Devices, Kindle Fire HD)\*\*

Individuals can download the free Blackboard Collaborate App from the Apple Store, Google Play or Amazon



\*\*Closed Captioning is not visible via the Mobile App and there is limited access to the white board for individual's using voice over technology

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# Captioning

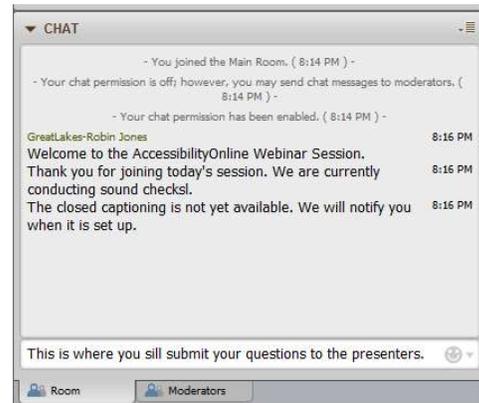
- Real-time captioning is provided during this webinar.
- The caption screen can be accessed by choosing the  icon in the Audio & Video panel.



- Once selected you will have the option to resize the captioning window, change the font size and save the transcript.

# Submitting Questions

- You may type and submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area
- If you are connected via a mobile device you may submit questions in the chat area within the App
- If you are listening by phone and not logged in to the webinar, you may ask questions by emailing them to [webinars@ada-audio.org](mailto:webinars@ada-audio.org)



*Please note:* This webinar is being recorded and can be accessed on the website at [www.ada-audio.org](http://www.ada-audio.org) within 24 hours after the conclusion of the session.

## Customize Your View

- Resize the Whiteboard where the Presentation slides are shown to make it smaller or larger by choosing from the drop down menu located above and to the left of the whiteboard. The default is “fit page”
- Resize/Reposition the Chat, Participant and Audio & Video panels by “detaching” and using your mouse to reposition or “stretch/shrink”. Each panel may be detached using the icon in the upper right corner of each panel.

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## Setting Preferences

- Depending on your system settings you may receive visual and audible notifications when individuals enter/leave the webinar room or when other actions are taken by participants. This can be distracting.
- To turn off notifications (audible/visual)
  - Select “Edit” from the tool bar at the top of your screen
  - From the drop down menu select “Preferences”
  - Scroll down to “General”
    - select “Audible Notifications” Uncheck anything you don’t want to receive and “apply”
    - Select “Visual Notifications” Uncheck anything you don’t want to receive and “apply”
  - For Screen Reader User – Set preferences through the setting options within the Activity Window (Ctrl+slash opens the activity window)

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## Technical Assistance

- If you experience any technical difficulties during the webinar:
  1. Submit a message regarding your issue via the chat area and the Moderator will address your concern via a private chat with you and/or refer it to one of the Great Lakes ADA Center IT Staff to contact you off line; or
  2. Email [webinars@ada-audio.org](mailto:webinars@ada-audio.org); or
  3. Call 877-232-1990 (V/TTY)

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## Tools, Tips, and Tricks on Mobile and Web Platforms for Users With Disabilities

Peter Berg ADA Technical Assistance Coordinator, **Great Lakes ADA Center**

Amy Perron Assistive Technology Resource Specialist, **the State of Minnesota STAR Program**

Paul Sanft Assistive Technology (AT) Specialist, **PACER's Simon Technology Center**

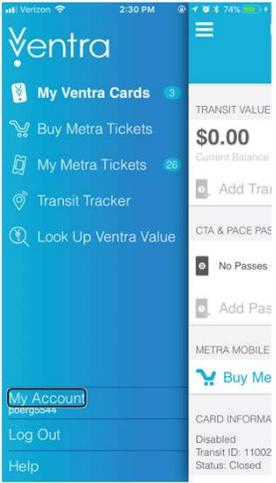
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## Mobile Apps for People with Disabilities

Peter Berg ADA Technical Assistance Coordinator, **Great Lakes ADA Center**

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## Ventra



- Chicago Ventra Transportation App

<https://www.ventrachicago.com/app>

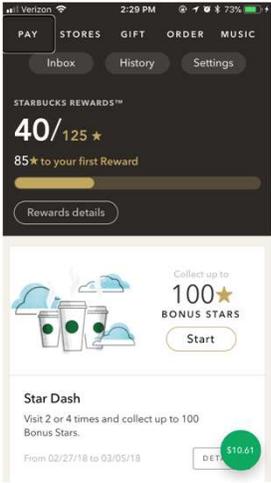
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# Lyft



- Lyft
- <https://www.lyft.com/>

# Starbucks



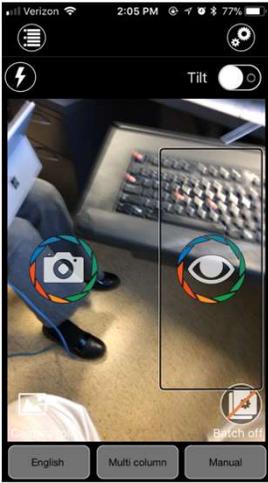
- Starbucks app
- <https://www.starbucks.com/coffeeho>  
[use/mobile-apps](https://www.starbucks.com/coffeeho/use/mobile-apps)

# Be My Eyes



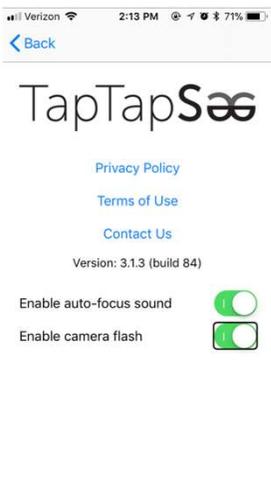
- Be My Eyes
- <https://www.bemyeyes.com/>

# KNFB Reader



- KNFB Reader
- <https://www.knfbreader.com/>

# Tap Tap See



- Tap Tap See
- <https://taptapseeapp.com/>

# Money Reader



- **NantMobile Money Reader 4+ by IPPLEX**
- <https://appadvice.com/app/nantmobile-money-reader/417476558>

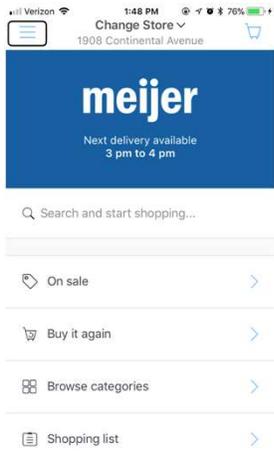
# Thermostat



- Honeywell Total Connect
- <https://getconnected.honeywell.com/en/total-connect-comfort-app>

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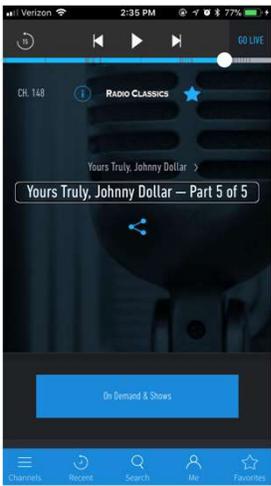
# Shipt App



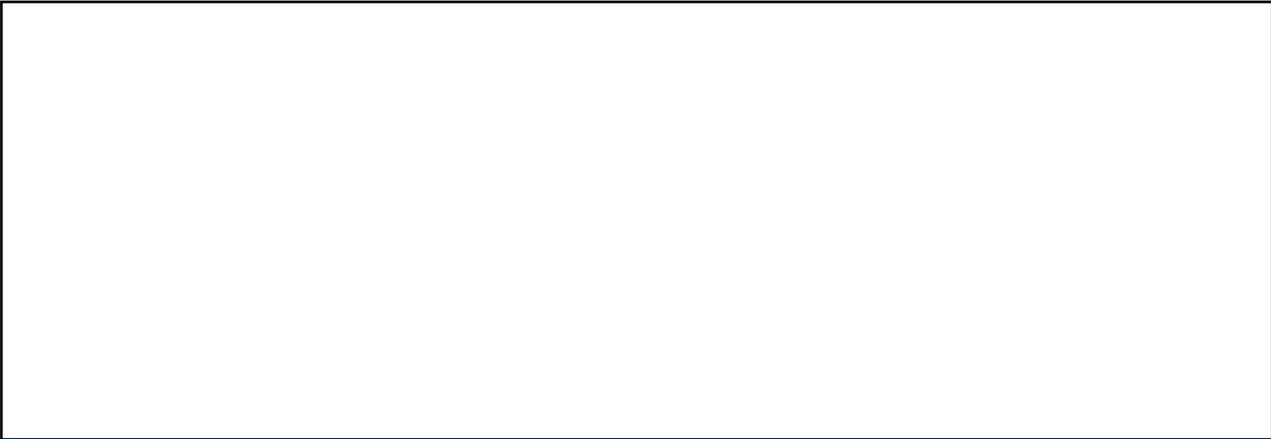
- Shipt App
- <https://www.shipt.com/>

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# Sirius XM



- Sirius XM App
- <https://www.siriusxm.com/streaming>



## Assistive Technology for Computer Access

Amy Perron Assistive Technology Resource Specialist,  
the State of Minnesota STAR Program

## MN AT Act Program

### **STAR is Minnesota's AT Act Program**

To find your state program go to the ATAP website at [www.ataporg.org](http://www.ataporg.org)

Demonstrations, Loans, Information and Assistance

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## Definition of Access

The definition of access according to Merriam Webster is:

**“Freedom or ability to obtain or make use of something”**

What would prevent us from “accessing a computer”?

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## Types of Disabilities

**Visual** – Blindness, Low Vision or Color Blindness

**Hearing**- Deaf or Hard of Hearing

**Mobility**- loss or limited use of hands and or arms

**Print Disability**- Dyslexia, Traumatic Brain Injury

What tools are available to overcome these obstacles?

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## Assistive Technology

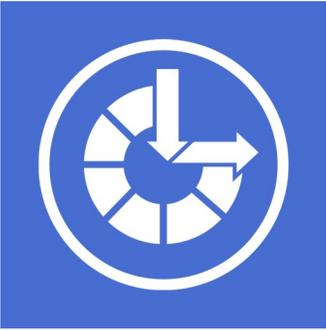
As with any Assistive Technology it is important to take some time and answer a few questions before making any decisions.

- What is the limitation/disability? Is there more than one disability?
- What am I trying to do?
- Where am I trying to complete this task?
- What tools do I currently have?

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# Operating Systems

All computer systems offer built in accessibility features. Each may look a little different, but ultimately they are all offering much of the same features. These features can be accessed from the Settings screen.



# Computer Access



Apple (Mac and iOS)



Android



Microsoft



Chrome OS

## Built In Features for VI

### **Built in features for Vision related disabilities**

- Screen reader
- Magnification
- Mouse Adjustments
- Contrast

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## Built In Features for Hearing

### **Built in features for Hearing related disabilities**

- Video capabilities
- Instant messaging/chatting
- Visual notifications (vibrations on mobile devices)
- Closed captions
- Mono Audio

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## Built In Features for Mobility

### Built in features for Mobility related disabilities

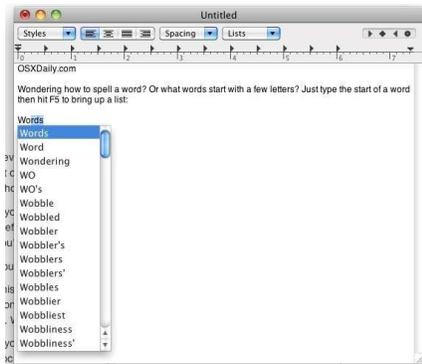
- On Screen Keyboard
- Speech Recognition
- Delegate digitally
- Sticky Keys/ Mouse Keys/Filter Keys

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## Built In Features for Cognition - Mac

### Built in features for Cognition or Learning related disabilities

- Mac
  - Word Completion
  - Simple Finder
  - Dictionary
  - Speech

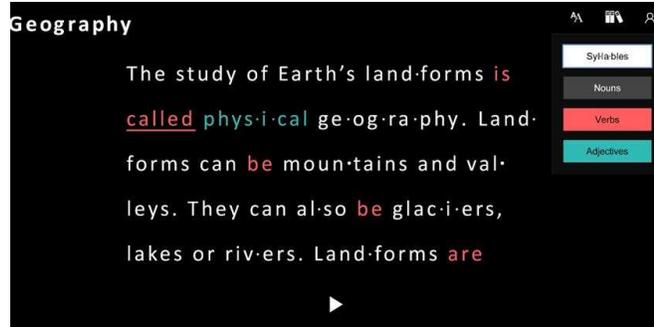


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## Built In Features for Cognition - Windows

### Built in features for Cognition or Learning related disabilities

- Windows – *EXCITING!!*
  - *Time out*
  - *Limit Distractions*
  - *Learning Tools*



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## Assistive Technology Resources

### Resources

<https://www.microsoft.com/en-us/accessibility/windows>

<https://www.apple.com/accessibility/mac/>

<https://support.google.com/chromebook/answer/177893?hl=en>

<https://www.androidcentral.com/basic-accessibility-settings-android>

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## Reading and Writing Tools

Paul Sanft Assistive Technology (AT) Specialist  
**PACER's Simon Technology Center**

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## Reading and Writing Categories

- **Reading**
  - Online Libraries
  - Apps
- **Writing**
  - Support apps
  - Note-taking
  - Mind mapping

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## Reading: Online Libraries

**Bookshare** – [www.bookshare.org](http://www.bookshare.org)

- Electronic Text
- Free with diagnosed print-related disability



**Learning Ally** – [www.learningally.org](http://www.learningally.org)

- Audio Recordings (some with text)
- Assistance program available



**Overdrive** – [www.overdrive.com](http://www.overdrive.com)

- Connects with local libraries



\*All can be browsed before signing up.

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## Reading Apps: Voice Dream Reader

**Voice Dream Reader** - \$14.99 | iOS

<http://www.voicedream.com/reader/>

- Text to Speech
- OpenDyslexic Font
- Advanced appearance controls
- Bookshare compatible
- Highlights and Bookmarking for review



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## Reading Apps: Prizmo

**Prizmo** - \$9.99 | iOS, MAC

<http://www.creaceed.com/iprizmo>

- Optical Character Recognition (OCR)
- Text to Speech
- Multi-page documents
- Convert to PDF
- Free version: Prizmo Go



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## Reading Apps: ClaroPDF

**ClaroPDF** - \$6.99 | iOS, Android

<https://www.claro-apps.com/claropdf/>

- Optical Character Recognition
- Text to Speech
- Convert to Text PDF
- Annotations, notes, comments
- Switch Accessible



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## Writing Supports: CoWriter

**CoWriter** - \$34.99 | iOS, Chrome Extension, Windows, Mac

<http://donjohnston.com/cowriter/>

- Predictive Type
- Speech to text
- iOS Keyboard (universal version)
- Topic Dictionaries



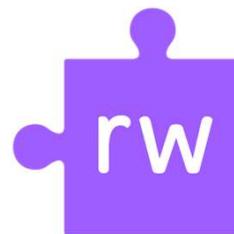
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## Writing Supports: Read&Write

**Read&Write** - \$145/yr | Chrome Extension, Windows, Mac, tablets

<https://www.texthelp.com/en-us/products/read-write/>

- Speech to text
- Text to speech
- Highlight collection for research
- iOS/Android Keyboards (for tablets)



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## Note-taking: Notability

**Notability** - \$9.99 | iOS

<http://gingerlabs.com/>

- Handwritten, text, and photo notes
- Audio recoding
- Note highlights during audio playback
- Easy to organize notes into subjects/folders



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## Note-taking: Sonocent

**Sonocent** – \$99/yr - \$250 | Windows, MAC

<https://www.sonocent.com/en-us/>

- Many advanced organization features
- Audio recording and note synchronization
- Note highlights during audio playback
- Free companion app for phone (Android and iOS)



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## Note-taking: Livescribe Echo

### Livescribe Echo Smart Pen - \$179

<https://www.livescribe.com/en-us/smartpen/echo/>

- Built-in audio recorder
- Works with paper Livescribe notebook
- Synchronizes your notes with audio recording
- Notes and audio can be transferred to desktop app
- Electronic notes are searchable

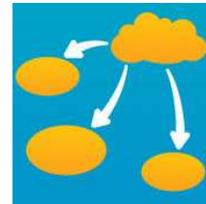


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## Mind Mapping: Inspiration

### Inspiration – \$39.95 | Windows, MAC, iOS

- <http://www.inspiration.com/inspmaps>
- Mind mapping
- Outline conversion
- Desktop, mobile, web and kid versions available
- Free trials available, free and paid mobile versions



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# Mind Mapping: Popplet

**Popplet** – Free | web

<https://popplet.com/>

- Completely free
- Very user-friendly controls
- Quick and responsive for sporadic thinkers
- Must have internet connection to use
- iOS app available



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# Thank You for Your Attention – Please Submit Questions

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The session today was recorded  
and will be archived at  
**[www.ada-accessibletech.org](http://www.ada-accessibletech.org)**

**NEXT SESSION IS ON MAY 17, 2018 1PM CST**

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