

App Presentation for CAOMS:

By the Technology staff at The Hatlen Center for the Blind: Arif Syed asyed@juniorblind.org and Rachel Feinberg rfeinberg@juniorblind.org

Announcement: Technology has become a standard of life and that holds true for individuals with visual impairments as well. Apple products come equipped with many accessible features built right in. But what is useful and what isn't? Come find out what apps you and your students should have and how to use them. From GPS, to OCR and money ID options along with many more. Learn about Voice Over and other accessibility features.

Directions on utilizing Voice Over:

1 Finger Gestures

- Touch or move around the screen: Voiceover speaks the item under your finger
- Tap 2 times fast: Activates the selected item (opens app, presses button, etc)
- Tap 2 times and hold: Activates “drag-mode” (moves icons, swipe-delete)
- Tap 3 times fast: Double presses a button
- Swipe left or right: Selects the previous or next item
- Swipe up or down: Performs or moves to the selected rotor option

2 Finger Gestures

- Hold 1 finger & tap with another: Select when dragging, activate with tap (split-tap)
- Tap once: Pause/resume speech
- Tap 2 times fast: Performs special action
- Tap 2 times and hold: Add label to selected item
- Tap 3 times: Open item chooser for current area
- Swipe up: Read all from the first object in the selected area
- Swipe down: Read all from selected item
- Scrub back and forth: Go back, cancel, close pop-up
- Pinch out/in: Select/deselect
- Hold and twist left or right: Select the next or previous rotor item

3 Finger Gestures

- Tap once: Speaks the current page number and position
- Tap 2 times fast: Toggle speech on/off
- Tap 3 times fast: Toggle screen curtain on/off (VO still works; screen isn't illuminated)
- Swipe left or right: Move to previous or next horizontal screen/page
- Swipe up or down: Move/scroll down or up (like moving paper)

4 & 5 Finger Gestures

- Tap the upper half with 4 fingers: Select the first item in the area
- Tap the lower half with 4 fingers: Select the last item in the area
- Swipe left or right: When in an app, switch to next or previous app

- Swipe up or down: Open or close multitask pane
- Pinch in: Go to home screen

For iOS VO Keyboard and Braille shortcut commands, go to:

<http://axslab.com/articles/ios-voiceover-gestures-and-keyboard-commands.php>

Apps we know about and use...

Notable Apps: Travel I

- Blind Square – GPS App
 - Put in a destination and you can turn on tracking and it will tell you how to get there
 - Have to tell it to populate for pedestrian routes / vehicular
 - Has a look around feature
 - Combination of things pulled from commercial GPS & user's input – user's is specific to their own items (no publishing)
 - One time membership & that is it
- Apple Maps
 - Not pedestrian or public transportation
 - User friendly for the blind, but not really since no public or pedestrian options
- Google Maps
 - Has vehicular, bus, and pedestrian routes
 - Usable with voice over, but Blind Square and such are better for GPS options
- Seeing Eye GPS
 - Performs just as well as Blind Square – no notable differences
 - \$10 a month

Notable Apps II

- Around Me
 - Tells you where the nearest _____ is (grocery store / coffee shop)
 - Easy to use
- Next Bus
 - Tells you when the next bus is arriving near you (as long as you allow it to use your location)
 - Use it on a variety of transit systems in a multitude of cities; even works out of state
- Uber / Lyft apps
 - Door to door non-taxi service (private car)
 - Easier than taxis – allows for review of driver (possibly adds a safety element)
 - No cash needs to be exchanged
 - Create an account through the app, put in credit card info and you're good to go

- When you want a ride: go on the app and input your current location and destination and the app will tell you how far away a driver is as well as price of ride (Uber for sure – not positive on Lyft)
- HopStop
 - Includes all public transportation systems
 - Provides feedback on bus stops as you're passing them

Notable Apps: Living Skills

- All Recipes.com – mostly accessible
 - Voice over focus jumps around, but if you are prepared for it, you can work around that feature
 - Allows you look up recipes by ingredient or title
- All Menus – accessible
 - Tells you restaurant menus if available
- Digit-Eyes \$9.99 OR Digit-Eyes Lite (free and you can purchase different bar codes)
 - A bar-code scanning app
 - Allows you to add voice memos to items
 - You can scan a variety of bar codes including food products and get the nutritional information along with cooking instructions (of course, this is depending on the item)
- CamFind
 - Helps identify objects by taking picture
 - Database that performs image search

Notable Apps: Financial

- Look Tell – money reader \$10
 - Simple to use: turn it on and place money about 6 inches away.
 - Scans automatically, quickly and accurately
- Banking Apps
 - All major banks have pretty accessible apps
 - Have been able to help students transfer money into each other's accounts to split bills
 - Can utilize Stand Scan to help deposit checks with banking app as well
 - Can see and search through recent transactions
 - Bill pay
- Tip Calculator %
 - Allows user to input bill total and adjust tip percentage to calculate the tip and give a final bill total
 - Can also split bill evenly with an input number of people
- PayPal
 - Allows user to send/receive money
 - Some merchants accept PayPal
- Mint/BillGuard
 - Budgeting apps
 - Links to bank/credit accounts and categorizes expenses/creates budget

Notable Apps: Readers

- KNFB – OCR – can read random signs to know what they say \$100
 - The best OCR app
 - May or may not work with a sign, but works wonderfully with printed text
- The Sand Scan (\$40) helps to orient the phone and camera app to each other – it increases accuracy
- Voice Dream Reader - \$10: you can buy additional voices as well
 - Utilize to search for and access Bookshare as well as any other texts including PDF and PowerPoint
 - There is a free version, but it pauses every 300 words
 - Can also utilize a Braille display to read items
- BARD- Used to be Braille and Talking Book Library
 - App allows you to download books from the national Library of Congress and reads them to you – you can also utilize a Braille display to read things
- Newslane App
 - Allows you to access and read a variety of articles and newspapers
 - Can get TV guides if you are subscribed to a cable provider

Notable Apps: Productivity

- Dropbox
 - Store/share cloud based data
 - Access across multiple devices
- Mail
 - Easy to use
 - Very voiceover friendly
- Voice Dream Writer
 - Allows you to write, proofread, and edit text
 - Easy text selection

Notable Apps: Extras

- Voxer
 - Push to talk app – like a walkie-talkie
 - Can create groups
 - Also can text-chat
- Face Time – visual conversations with another Face Time user (Apple specific)
 - Can use that to ask what's around me?
 - What is this address to?
 - What am I wearing?
 - How's my hair or make-up?
- Be My Eyes
 - Can have a sighted volunteer read you stuff
 - Utilizes the camera to put you in contact with a sighted person and you can ask them to read things for you
 - <http://www.bemyeyes.org/>

iOS Notification Center and Siri

- iOS 8 notification center

- there are specific apps that have widgets that will appear in your notification center
 - Transit app – it will tell you when the nearest busses are coming
 - Weather apps
 - Traffic updates
- What Siri can do for you
 - Create and compose emails and texts
 - Ask her any sports related question
 - Can tell you what song is playing (iOS 8 with 5 and above)
 - Weather
 - Open apps

If you have more questions, please feel free to contact the staff at The Hatlen Center for the Blind at the above email addressed or by calling 510-234-4984. If you are interested in learning about The Hatlen Center for the Blind, check out our website at www.hcblind.org

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