

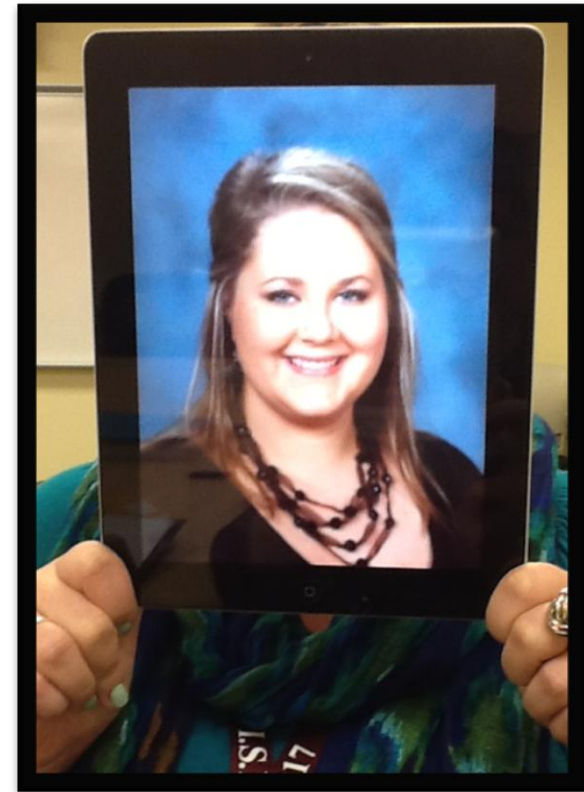
Incorporating Technology into Special Education instruction

Using iPad and iPad Apps

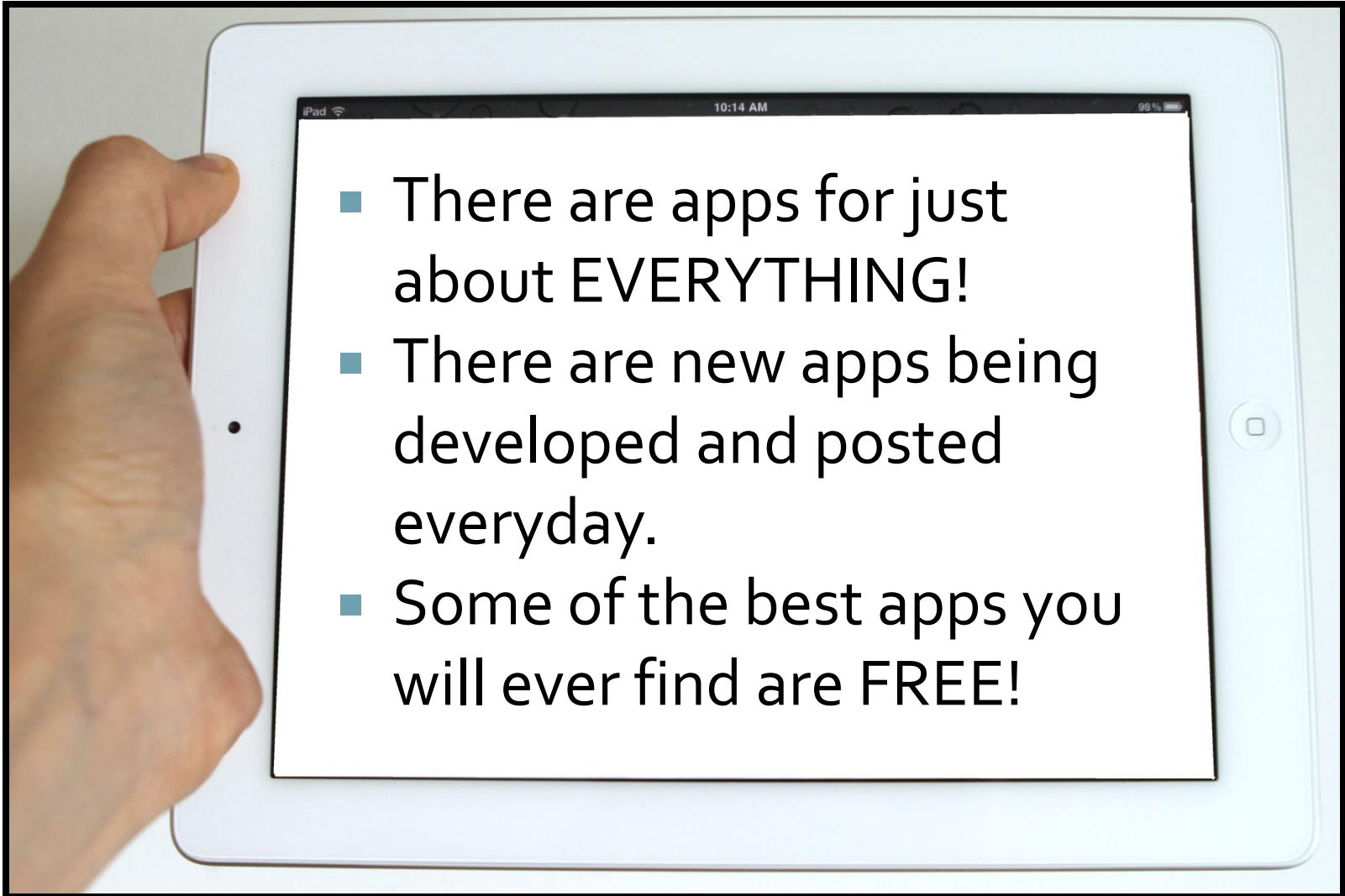
By: Taylor Thomas, M.Ed.

Who am I?

- Taylor Thomas, M.Ed. – Itinerant teacher of the deaf/hard of hearing with Intermediate School District 917. I have been with the district for the last two and a half years. I serve students in Inver Grove Heights and West St. Paul.
- I am a member of ISD 917 Assistive Technology Committee.
- Work as the D/HH POS team's App Captain and 'Tech Gooroo'.



What do You Need to Know?

- 
- A hand is holding a white tablet. The tablet screen displays a list of three bullet points. The status bar at the top of the screen shows 'iPad', signal strength, '10:14 AM', and '99%' battery. The text on the screen is as follows:
- There are apps for just about **EVERYTHING!**
 - There are new apps being developed and posted everyday.
 - Some of the best apps you will ever find are **FREE!**

Where do I Get Apps?

- There are two ways to download apps for your iPad.

iTunes Store

- Located on your computer in iTunes
- Click on Apps from menu above
- Search apps or browse the featured apps and categories
- Click install to download app. You will need to plug in your iPad to your computer and sync

App Store

- Located on your iPad as its own app
- Tap the app open
- Tap the search bar to search for apps or browse the featured apps and categories
- Tap install to download the app onto your iPad

My Top 16 Most Used Apps



1. Notability
(\$1.99)

- Used for writing on and editing PDF documents such as worksheets, assessments, or observation forms



2. Doodle Buddy
(Free)

- Used for drawing, writing, typing, explaining word meanings, observations, language activities, and following directions.



3. J-Idioms
(Free)

- Used for teaching idiomatic and figurative language.



4. Learner's
Dictionary
(\$1.99)

- Used for reference. Definitions provided are at a lower reading level and typically easier to understand.

My Top 16 Most Used Apps



5. Fry Words
(Free)

- Contains all of the Fry Word lists. Can also create your own word lists within the app.



6. Pages
(\$9.99)

- Used for writing or notes. Similar to Microsoft Word and has majority of the same functions.



7. iBooks
(Free)

- Used for books and PDF files. Can be used to save progress from reading comprehension passages in other apps.



8. ABA FlashCards
(\$1.99)

- Multiple different flashcards that can be used for expressive and receptive language and vocabulary building skills.

My Top 16 Most Used Apps



9. Language Builder (\$9.99)

- Used for building receptive and expressive language skills. Allows you to record/playback students sentences. Achieves old sentences.



10. Following Directions Fun Deck (\$1.99)

- Used for practicing following directions, auditory processing, and memory. Multiple students and multiple directions at one time.



11. First... Then Visual Schedule (\$9.99)

- Visual schedule application is designed to provide positive behavior support. For individuals with communication needs, developmental delays, Autism, and other disabilities.



12. Dragon Dictation (Free)

- Speech to text program. Can be used for writing, taking notes, and articulation practice.

My Top 16 Most Used Apps



13 Dropbox
(FREE)

- Used for storing worksheet, forms, stories, PowerPoints, IEPs or Evolutions.



14 Common Core Standards
(FREE)

- Used for quick reference and monitoring standards.



15 Little Stars-
Word Wizard
(FREE)

- Used for phonemic awareness and vocabulary practice.



16 BrainPOP-
(FREE)

- Used for building background knowledge on a variety of topics. Free for weekly and daily videos. Additional paid subscriptions for access to the entire BrainPop video collection.

- *ALL VIDEOS ARE CAPTION*

D/HH Specific Apps



1. Starkey Hearing Loss Simulator (\$1.99)

- Used for on the fly or planned in-services for teachers, parents, and peers. Has a variety of Audiograms. Allows you to use your own voice for simulation.



2. Decibel 10th (Free)

- Used during classroom observations to get an informal measurement of the sound level in the classroom.



3. iTranslate ASL (\$2.99)

- Excellent ASL dictionary with video (with audio) demonstrations of signs. Over 5,800 signs and the ability to save word to review later.



4. Caption Fish (Free)

- Used for locating captioned movies and watching movie trailers with captions.

D/HH Specific Apps



5. Tap-Tap
(\$2.99)

- Allows those with hearing loss to react to sounds. When it detects noise, the app will vibrate and flash to alert the user.



6. Z4 Mobile
(Free)

- Z4 Mobile allows users to make point-to-point calls to and from videophones as well as being able to make or receive ZVRS calls.



7. Z OneStop
(Free)

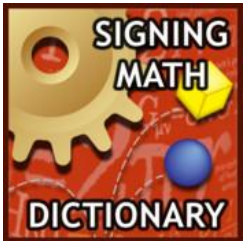
- Z OneStop is a great app that has feeds for news, vlogs, blogs serving the deaf community, as well as a large directory of resources and services.



8. Auditory Verbal
(\$3.99)

- Used to address the detection and comprehension of the Ling 6 Sounds (plus silence) for individuals with hearing aids or cochlear implants.

D/HH Specific Apps



9. Signing Math Dictionary
(\$14.99)

- An illustrated, interactive 3D sign language dictionary. It contains 705 math terms defined in both American Sign Language (ASL) and Signed English (SE).



10. Signing Science Pictionary
(\$14.99)

- Designed for younger users; is an illustrative, interactive 3D sign language pictionary containing 730 science terms defined in both ASL and Signed English. It is targeted to students in grades K-3.



11. My Smart Hand Alphabet Signs
(\$1.99)

- This app provides fun, repeated practice on the ASL Alphabet signs; also available Everyday Signs App.

I have not personally used these three Apps, please research before you purchase them.

Top Educational Games



1. Bluster
(Free)

- Used for practice with vocabulary, rhyming words, prefixes, and suffixes. Grade levels 1-4.



2. Family Feud
(Free)

- Used for teaching background knowledge as well as teaching new vocabulary. Also works on auditory processing skills, reading, and language.



3. Sound Sorting
(\$0.99)

- Used for identifying beginning sounds.



4. Dyslexia Quest
(\$1.99)

- Used for practicing for auditory, visual, spatial, and sequential memory for all grade levels. Used with D/HH students to practice auditory memory, etc.

Noteworthy Apps



1. TinyScan Pro
(\$1.99)



2. Cimo Spelling & Sound Out Apps
(\$2.99)



3. SuperDuper App Collection
(\$1.99 each)



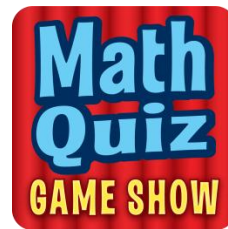
4. Khan Academy
(FREE)



5. Flashcards+
(Free)



6. Language Adventures Quiz Show (Gr. 1-3) and (Gr. 4-6) (1.99 each)



7. Math Quiz Show (Gr. 1-3) and (Gr. 4-6) (1.99 each)



8. McGraw Hill Math Games (FREE to \$1.99 each)

Notability: What?! No more copies??

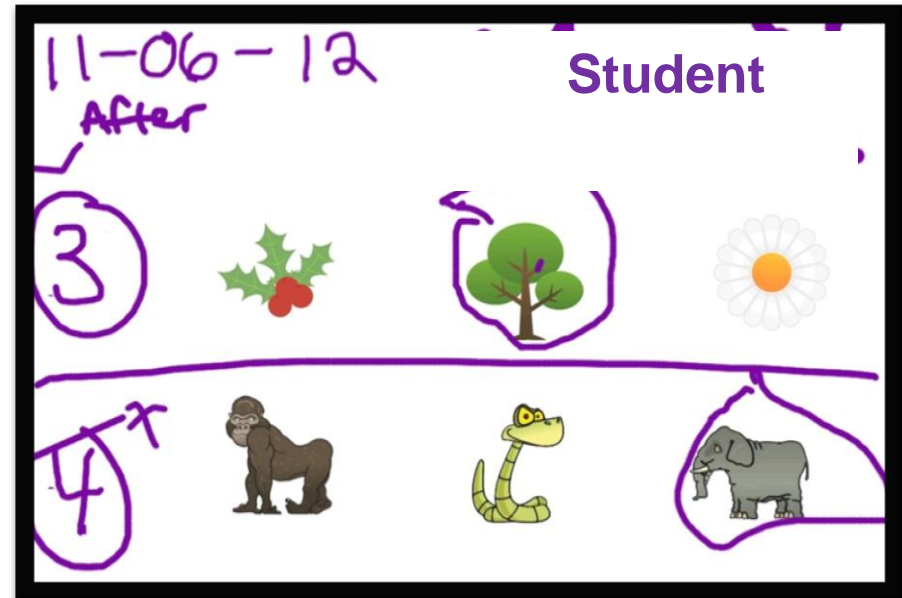
- Notability is the answer!
- What can you do with Notability?
 - *Answer:* If you can make a document into a PDF file then you can do anything with it!
 - Student worksheets, quizzes, observation notes, schedules, reading comprehension stories, vocabulary, math problems, and QRI- 5 Reading inventory.
- Progress monitoring made easy! Simply email the document to yourself or save it into you iBook App when it is finished.
- Demo
- See my How to Guide



What?! No more carrying paper and markers?



- Doodle Buddy is your students' new best friend.
- You can use this app for just about anything from explaining a vocabulary word visually to playing tic-tac-toe.
- Has a pencil, paint brush, glitter pen, clip art, text box, shapes, and a variety of pre-loaded backgrounds.
- You can save the page to your camera roll on your iPad for progress monitoring.



Example: Need to practice directional and positional concepts? or following directions?

This app can help you do that.

iPad Accessibility Settings Everyone Should Use

- The settings app on your iPad controls how you use your iPad. Under settings you can adjust volume, email, WiFi, Multi-tasking gestures, and most important of all **ACCESSIBILITY!**
- The accessibility portion allows you to make your iPad accessible to your students with vision, hearing, physical, and motor disabilities.

Vision:

VoiceOver
Zoom
Large Text
White on Black
Speak Selection
Speak Auto-text
Triple Click

Physical/Motor

Thin, Light Design
Large Multi-Touch Display
Assistive Touch
Triple Click
Tactile Buttons

Hearing:

FaceTime
Closed Captioning
Headphone Jack
Bluetooth Audio
Mono Audio
Messages with iMessage
Visual Alerts

Additional Features

Multiple Orientations
Intelligent Onscreen Keyboard
External Keyboards
Apple Stereo Headset Compatibility
Sync Automatically



Universal iPad Functions

Multi-Tasking

- **Double Home Tap:** Tap the home button quickly twice to access the apps that you are currently running on your iPad. A bar on the bottom of the screen will pop up and you will see the apps you have just accessed. This feature allows you to switch easily between apps. It is also important to know how to close those running apps. You can close the apps by simply holding your finger on the apps in the bar which will make them shake and a small red and white negative symbol appear in the not left corner of each icon. If you click the negative icon the app will close down. You are not deleting the app, just closing it.

Universal iPad Functions

Multi-Tasking

- **Four-Finger Swipe:** This motion allows you to access the apps that you are currently running on your iPad. This motion is similar to the Double Home Tap but it allows your fingers to remain on the screen. Simply touch four of your fingers to the screen and swipe the screen off to the left or to the right depending on what app you would like to switch to.
- **Four-Finger Lift:** This motion allows you to again access the apps that you are currently running on your iPad. Simply touch four fingers to the middle of the screen and slide them up towards the top of the iPad screen. You will then see the app bar appear at the bottom of the screen.
- **Five-Finger Close (Pinch):** This motion allows you to quickly exit any app you are working in to go back to the main screen or page you were on. Simple touch all five fingers to the screen and quickly pull all five fingers in towards each other. You will then see the app close and you will be on the main screen.

Universal iPad Functions

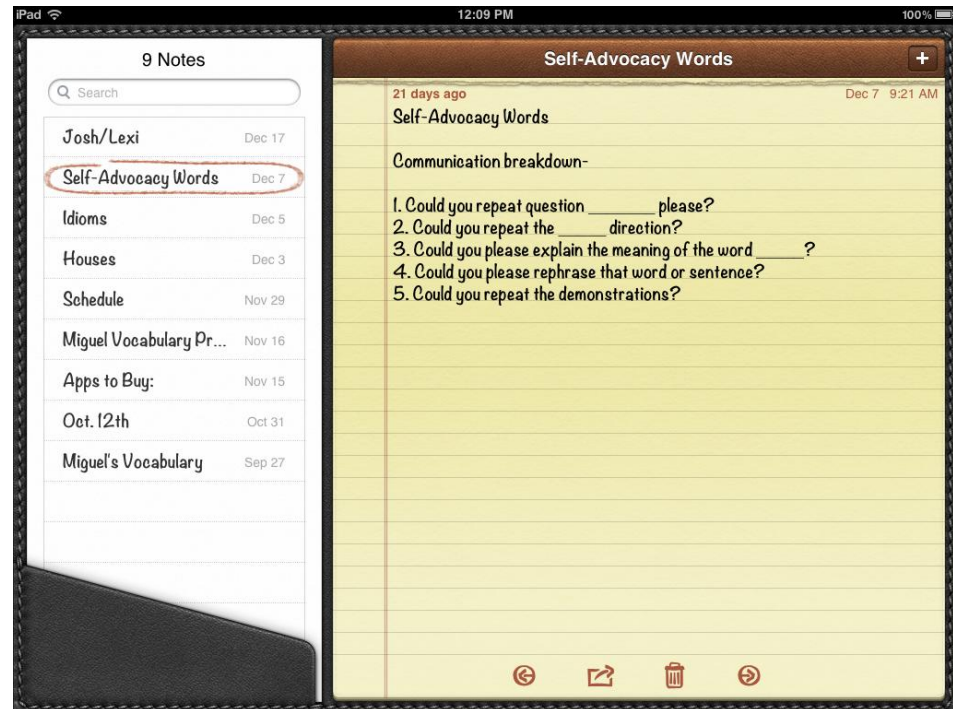
Shortcuts

- **Tap and Hold:** Tapping and holding on almost any word, in any app will allow you to have access to a small menu (options change based on the app you are in). The standard menu that pops up first gives you the option to *select, select all, or paste*. Based on what you choose to do you may be given an additional menu that allows you to *cut, copy, paste, or replace*. In some apps such as Mail, you may be given the option to change the font style (bold, italic, underline), to define the word you've selected, or adjust the quote level. With safari, if you tap and hold on a picture or link you will be given a different menu that allows you to *open, open in new tab, add to reading list, save image or copy*. Also, when you tap and hold a magnifying circle will appear in some apps. This magnifying circle allows you to move your curser line between words to select the word or group of words you would like to use or copy.

Universal iPad Functions

Tips and Tricks

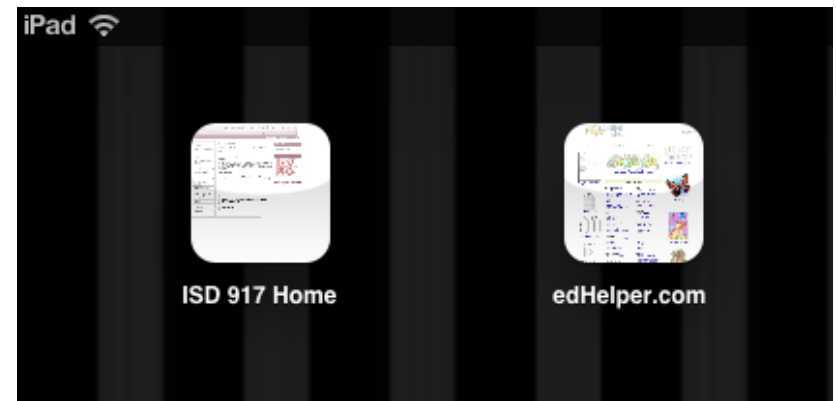
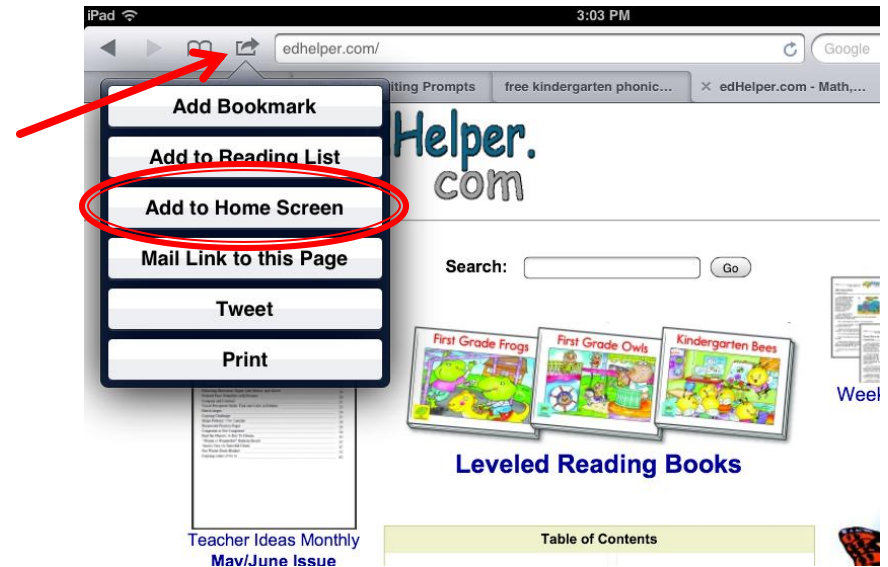
- **Screen Shot-** This function allows you to take a picture of your screen within any app to email, share, or save for progress monitoring. By pressing the lock button at the top of your iPad (top right) and the home button at the same time you will take a photo of whatever you have up on the iPad screen. It will then save that photo into your camera roll in the 'Photos' app.



Universal iPad Functions

Tips and Tricks

- **Homepage Icon Save-** This function allows you to save any website to your home-screen and it will look like an App. This is a good way to access frequently visited sites.
- Simply open Safari and go to the website you would like saved. Click the 'send' icon next to the web address window. When the menu appears click 'Add to Home Screen'. Add the name you would prefer for the 'App' and hit 'Add'.



Universal iPad Functions

Tips and Tricks

- **Guided Access**- This allows you to control the access to buttons or specific parts within the apps on your iPad as well as the ability to exit or change between apps.
- To set up simply go to Settings > Accessibility > Guided Access > On.
- You can then choose to set a passcode.
- Next, open any app and triple click your home button to access the restriction. Circle any button or section of the app with your finger that you do not want your students to access (i.e. settings or Ads). Tap Start and your good to go! To exit, triple click again and type in the passcode you set previously.



Apps Demonstrations

App Lists

Resources for Apps and iPad

- App Shopper (FREE)- Updates you on Apps that are on sale or free! Check FREQUENTLY!
- Apps Gone Free (FREE)- Updates you daily App's that are on sale or free!

Check these Apps FREQUENTLY!



Resources for Apps and iPad

- <http://www.oneplaceforspecialneeds.com/> - Information and App lists for just about every disability area and skill area you are looking to work on with a student.
- Pinterest.com- If you do not have a Pinterest already... SIGN UP TODAY! There are thousand of resources for teachers just waiting to be found!
- <http://blog.easystand.com/2011/01/complete-guide-to-special-needseducational-apps/> - This is a complete Guide To Special Education Apps broken down by skill and subject areas.
- [iTunes- Education Collections](#)- This is located in the App Store in iTunes. Collections contain a wide variety of apps for different subject areas and needs.

Resources for Apps and iPsd

- <http://www.appolicious.com/> - Lists of Apps for teachers for iPads by category.
- <http://edtechteacher.org/index.php/teaching-technology/mobile-technology-apps/ipad-as> - What do you want your iPad to be? This website gives you apps for what you want to do with your iPad.
- [How to set up and optimize your brand-new iPad-](#) This is a wonderful resource with step-by-step instructions about how to set up your new iPad!
- [A Detailed Look at the General Settings On Your iPad](#) – This is a website everyone should take a look at. Explains every part of the 'Settings' app on your iPad!

Resources for Apps and iPad

- <http://www.englishforeveryone.org/> Great site for reading comprehension, analogies, vocabulary, grammar, and phonemic awareness worksheets (that download into Notability or other PDF app).
- <http://www.havefunteaching.com/> Great resource for downloadable worksheets.

Thank you for your participation!

For questions, comments, and/or suggestions, please email at

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