



CONNECT AND DISCOVER

► Colorado Educational Audiology Meeting / December 13, 2013

Introduction

- ▶ Educational audiologist in the mainstream and residential school setting
- ▶ Late-deafened adult and bilateral cochlear implant recipient
- ▶ Fluent in ASL
- ▶ Loves all things techy including hardware, software and social media to spread the word
- ▶ Curator of the list “Apps for Kids (and Adults) with Hearing Loss”
- ▶ Mentor / Advocate





Perusing, Choosing and Using Apps

This is what I want for Christmas...



Including this...



Agenda

- ▶ Accessibility
- ▶ Advantages and Concerns
- ▶ Purchasing Apps
- ▶ My favorite Apps
- ▶ Accessories
- ▶ Miscellaneous iPad Tips
- ▶ Resources
 - ▶ Websites
 - ▶ Lists
 - ▶ Developers



Trends

How many adults own tablets?

= 1 in 3 adults



What's happening in education?



Tablet Shipments into the U.S. Education Sector Expanded by 103% in 2012 with Greater Adoption Yet to Come, According to IDC

FRAMINGHAM, Mass. --(BUSINESS WIRE)--May 30, 2013--
While personal computers are facing weak demand and reduced budgets in the U.S. education sector, tablets are experiencing exceptionally strong interest among education stakeholders, from school managers, teachers, and governments, to parents and students. New International Data Corporation (IDC) research shows that shipments of client devices (notebooks, desktops and tablets) to the U.S. education sector grew 15.3% year over year in 2012 with volume nearing 8.5 million units. IDC estimates the value of these shipments at \$5 billion. Much of this growth can be attributed to tablet shipments, which grew 103% year over year in 2012. Strong demand for these devices increased the share of tablets in the education client device market from 19.4% in 2011 to more than 35% in 2012, and that momentum will continue as the 2013 back-to-school season approaches.

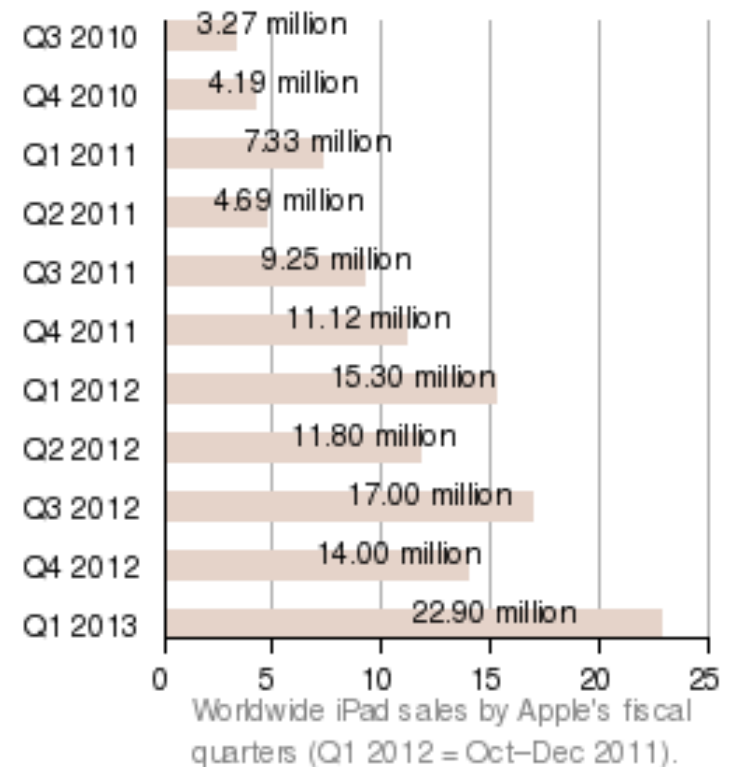
Share of tablets in the education client device market

19.4% in 2011

35% in 2012

App Store and iPad Sales

- ▶ **Fall 2012:**
 - ▶ 700,000+ apps in the iTunes store
- ▶ **Winter 2013:**
 - ▶ 40 billion apps downloaded
 - ▶ 120.85 million iPads sold

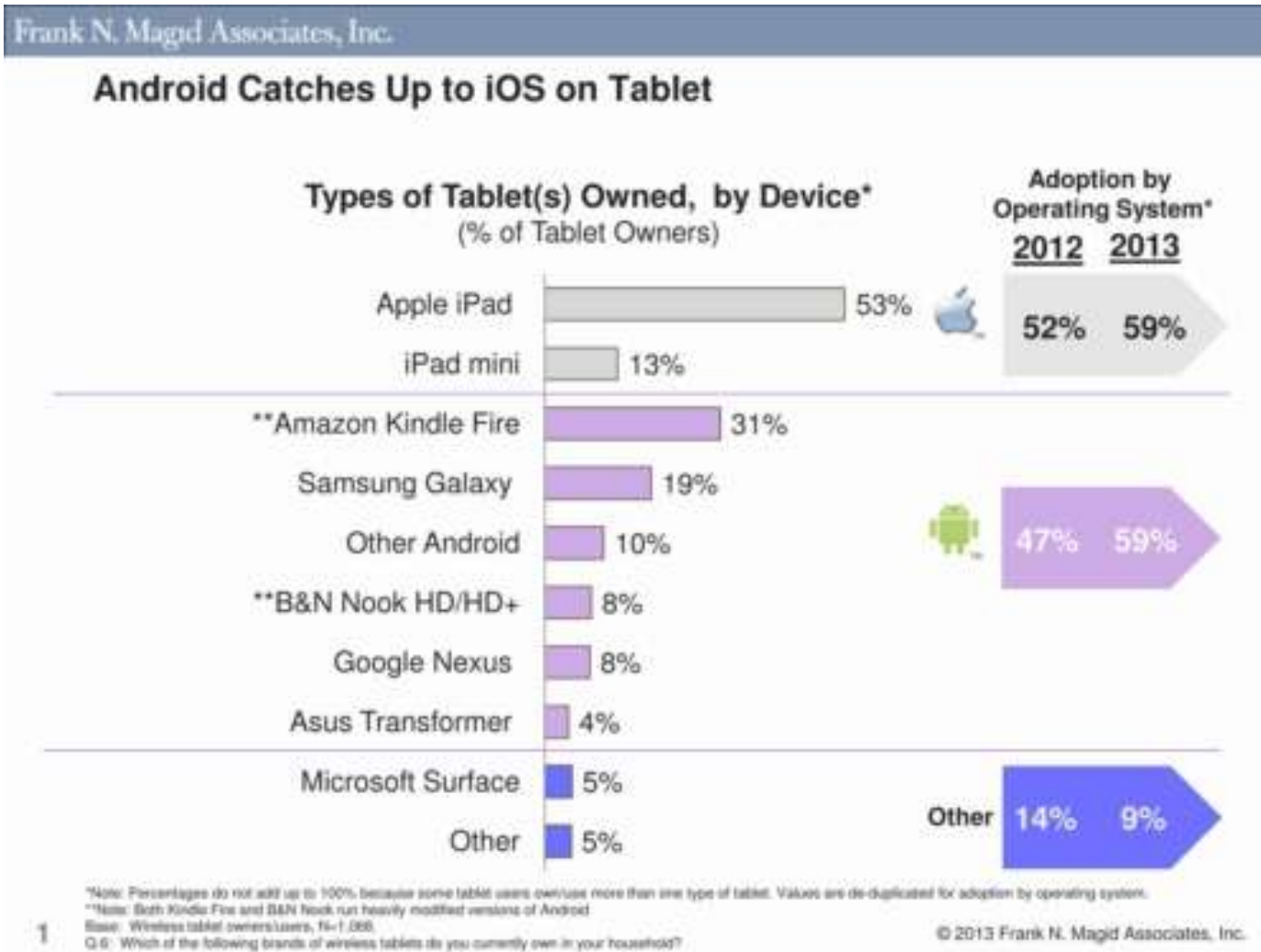


▶ <http://en.wikipedia.org/wiki/Ipad>

▶ <http://techcrunch.com/2012/09/12/ios-app-store-boasts-700k-apps-90-downloaded-every-month/>

▶ http://en.wikipedia.org/wiki/iTunes_Store

Tablet sales overall



Other places to shop

- ▶ **GooglePlay (Android)**

- ▶ <https://play.google.com/about/apps/>



- ▶ **BlackBerry App World**

- ▶ <http://us.blackberry.com/apps/?lid=us:bb:Apps&lpos=us:bb:Apps>



- ▶ **Windows Phone Marketplace**

- ▶ <http://www.windowsphone.com/en-US/marketplace>



Platforms that can run on iDevices, Androids and computers and run Android apps

► Nook

- <http://www.barnesandnoble.com/u/nook-apps/379002908>



► Kindle

- http://www.amazon.com/b/ref=amb_link_367867442_10?ie=UTF8&node=3427287011&pf_rd_m=ATVPDKIKX0DER&pf_rd_s=center-1&pf_rd_r=IAM9BRWG2VVB2XQC83D9&pf_rd_t=101&pf_rd_p=1510425822&pf_rd_i=133141011





Accessibility

www.apple.com/accessibility

Accessibility

OS X

iOS

Third-Party

Resources

We've done everything possible to make anything possible.

Apple products are simple, intuitive, and easy to use. And to help you do more in more ways, a variety of award-winning assistive technologies come standard. So every device not only has accessible features — but accessible principles — built right in.




Accessibility

Accessibility

- Overview
- OS X
- iPad
- iPhone
- iPod + iTunes
- Resources

iPad

- Vision
- Hearing**
- Physical & Motor Skills



Accessibility Solutions for iPhone and iPad.

You can find a variety of hardware and software products (sold separately) that adapt iPhone and iPad for specific needs.

[Learn more](#)

Hearing


iPad delivers a variety of innovative features that make it easier to use for those who are deaf or hard of hearing.

FaceTime

iPad features FaceTime video calling via Wi-Fi. Thanks to its high-quality video and fast frame rate, FaceTime is ideal for those who communicate using sign language or by lip reading. You can clearly see hand and finger gestures in detail, as well as facial expressions. So you can communicate from afar with the same range of emotion as when you're face to face. FaceTime also lets you place and receive video relay and text relay calls using services like [zVRS.com](#) and [HOVRS.com](#). Some of these services can connect you to others using instant messaging or videophones. [Learn more about FaceTime on iPad](#)

Closed Captioning


iPad supports the playback of open captions, closed captions, and subtitles. Captions appear onscreen, just like the closed captions you see on TV. You can buy or rent captioned movies from the iTunes Store and watch them on the go. You can also create your own movies with captions using a variety of tools and applications, including Compressor (sold separately).



Headphone Jack

In addition to speakers, iPad includes a standard 3.5-mm audio headphone jack. You can plug in earphones, earbuds, noise-canceling headphones, and amplified speaker systems.

Bluetooth Audio




iPad supports Bluetooth 2.1 + EDR (Extended Data Rate) technology and works with Bluetooth wireless headsets and other compatible audio devices.

Mono Audio

iPad can route both right- and left-channel audio source material into both earbuds, enabling users with hearing loss in one ear to hear both channels in each ear. You can also adjust the volume balance between the left and right channels.

Messages with iMessage



Sending messages with iMessage is even better than texting. Because it's unlimited.* And it works between you and anyone on an iPhone, iPad, or iPod touch running iOS 5. So text all you want. Send videos, photos, locations, and links to friends. And keep everyone in the loop with group messaging.

Visual Alerts

Apps such as Mail and the App Store also display visual badges indicating the number of unread messages and updates available. And important status information such as network connectivity, time of day, and battery level are communicated visually on the screen at all times.



Hearing

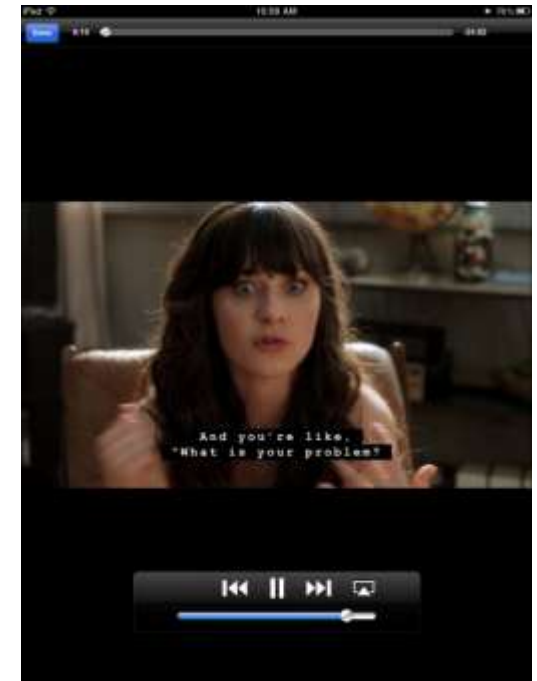
- ▶ Front-facing camera on iPad 2, 3 and 4
 - ▶ *Facetime*
 - ▶ Opportunities for lipreading
 - ▶ Mobile Video Relay Service
 - ▶ Telehealth





Hearing

- ▶ Closed Captioning for movies on iTunes
 - ▶ Can search in iTunes on iDevice or computer by using “closed caption” (but with no quotes)
 - ▶ CC not on Previews!





Hearing

▶ Mono Audio

- ▶ Route both L/R channels to each ear, adjust volume balance for L/R channels



▶ Visual Notifications

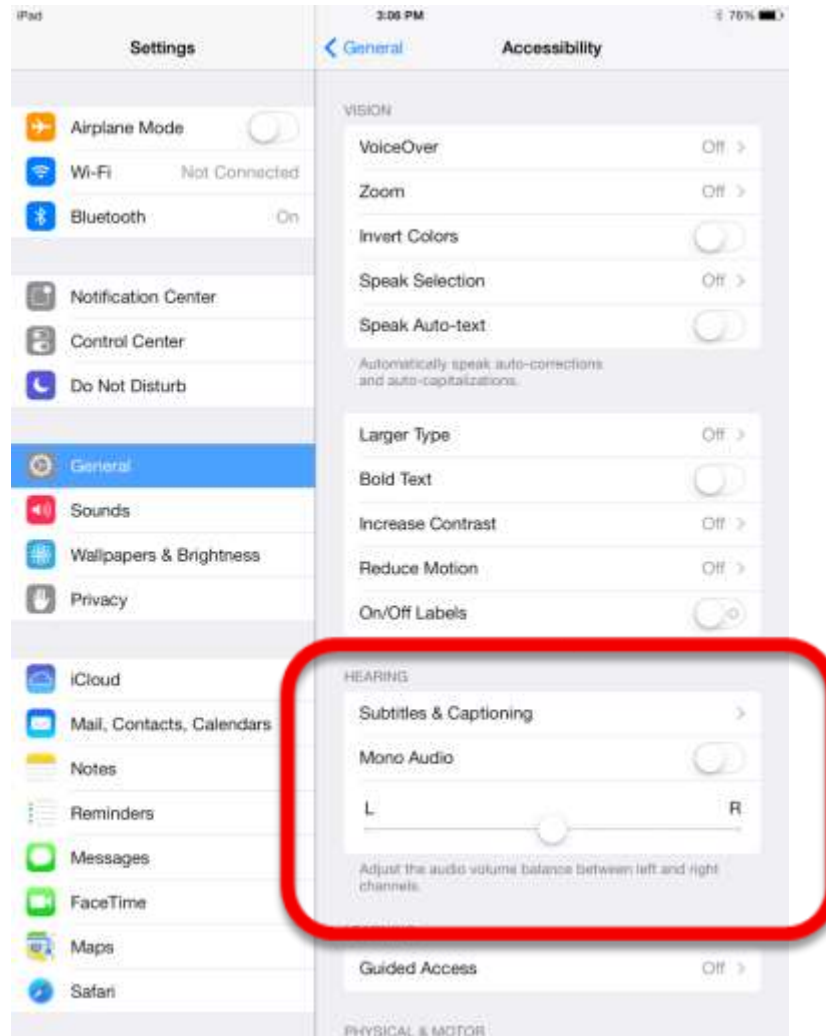
- ▶ Badges and banners

▶ Siri

- ▶ Can use an AAC app to voice to Siri



Where do I find these features?





Advantages and Concerns

Some advantages of iDevices

- ▶ Portable
- ▶ Easy to manipulate
- ▶ Stimulating
- ▶ Many apps to choose from
- ▶ Popular
 - ▶ Many accessories
 - ▶ Speakers, cases, stands, etc.
 - ▶ Can connect to aux input in car
- ▶ Ability to access e-(text)books
- ▶ Seems to be adopted by many in (special) education both as a therapy tool and as an AAC
- ▶ Good contrast for those with vision impairment
- ▶ Multi-modal (auditory / visual / tactile)



Did you know?









- ▶ A little known-fact Dhuey recalls is that Jobs had hearing loss.
 - ▶ “When we did the iPod we had to make sure it would be loud enough for Steve to hear the music,” says Dhuey. “We had to balance his need for volume with a French law against things that were too loud. He tends to get early prototypes and these were built with Steve’s needs in mind.”



Concerns



- ▶ Prolonged and sustained use is contributing to early hearing loss

MAXIMUM IPOD LISTENING TIME PER DAY GUIDE (Table Based on Figor and Portnuff, 2006)		
% of 	Volume with 	Headphones
100		5 Minutes
90		18 Minutes
80		1.2 Hours
70		4.6 Hours
60		18 Hours
10-50		No Limit

Concerns

- ▶ **Getting students OFF the iPad**
 - ▶ Setting limits – there's an app to get them off apps!
- ▶ **Much of streamed content is not captioned**
 - ▶ YouTube captioning is not that great (yet)
- ▶ **Ability to play content in Flash**
 - ▶ Improving!





Purchasing apps

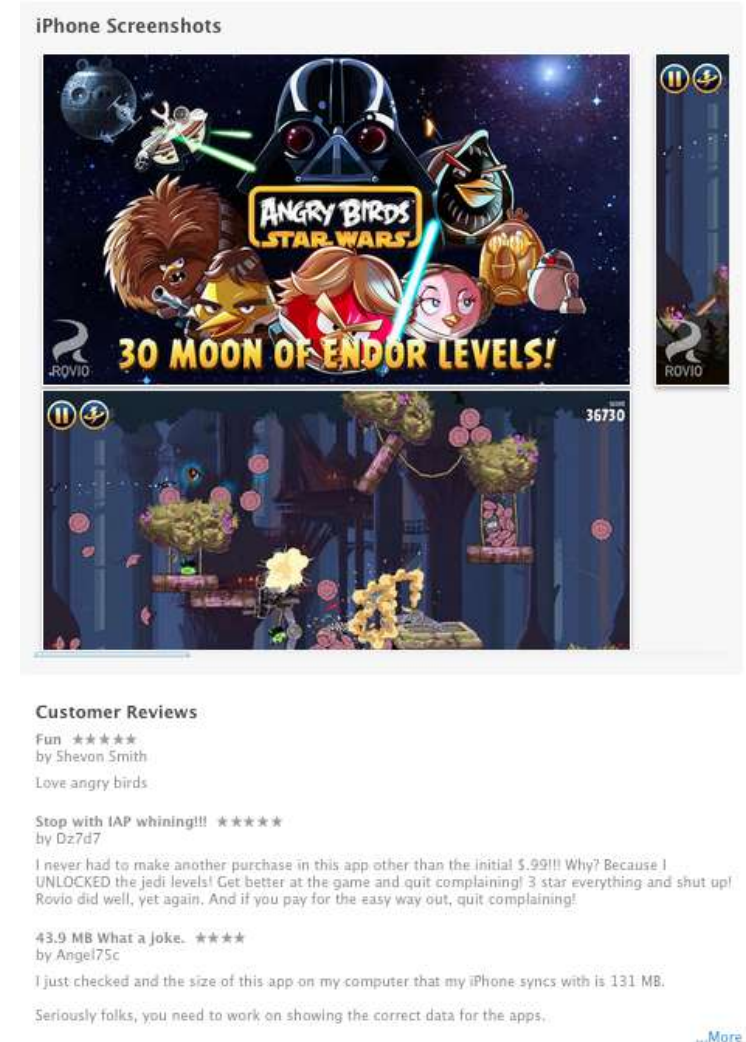
What should I look for? (for d/hh kids)

- ▶ **Multiple voice choices**
 - ▶ If you can record your voice, even better!
 - ▶ Natural > synthesized
- ▶ **Turn on/off text**
 - ▶ Auditory training/reading
- ▶ **Visual reinforcement**
 - ▶ Movement/flashing
- ▶ **Media players with built-in CC**
 - ▶ Be sure to update your Apps!
- ▶ **Record keeping**



Tips for purchasing apps

- ▶ How to search
 - ▶ Type in a keyword in the App store
- ▶ Read the reviews in iTunes, facebook, websites
- ▶ Look at screenshots
- ▶ Caution: “Free” or “Lite” may mean In App Purchases (IAP) are included
 - ▶ Can be IAP can be disabled



How to purchase apps

- ▶ **Need an Apple ID**
 - ▶ Apple ID on one computer can load apps on up to five personal devices (i.e., not school-owned)
- ▶ **iTunes gift cards**
 - ▶ Cannot be used to purchase devices
- ▶ Someone “gifts” you an app = promo code
- ▶ Pay as you go
- ▶ **Apple Volume Purchase Program**
 - ▶ allows educational institutions to purchase iOS apps and books in volume and distribute them to students, teachers, administrators, and employees



Things to remember

- ▶ Once you buy an app, it's YOURS
 - ▶ Even if you delete it off of your device – it's still in the iTunes store
- ▶ Apps are being developed every day
- ▶ Update your apps
 - ▶ Ensure compatibility with your current iOS
- ▶ If you're having a hard time updating or downloading app, your iPad may be out of memory



Favorite places to “shop”

▶ iTunes

- ▶ insert search term (e.g., deaf, text, listening therapy)



▶ Google Alerts

- ▶ Possible search terms in any combination: app, iTunes, deaf, hearing loss, hearing impaired, blind, vision, memory...



▶ <http://AppShopper.com>

- ▶ Wish list
- ▶ Will alert you if price goes down



facebook

- ▶ (applies mostly to pediatric apps)
- ▶ Get daily updates via Newsfeed
- ▶ Great place to read reviews
- ▶ “Events” where they give away:
 - ▶ promo codes
 - ▶ iTunes cards
 - ▶ iDevices(!)
- ▶ May need to do tasks like follow them on Twitter, like a certain page, share a post, etc.
- ▶ Especially during long weekends, holidays and Fridays
- ▶ April/May (BHSM) and October/November (ASHA Conference) are popular months for events



Blogs, websites and social media

- ▶ Search for ones that look at a variety of developers in an area of interest to you
- ▶ Sometimes done by a single developer
- ▶ Sign up for their newsletters or emails
- ▶ See if they have a *facebook* page, *Pinterest* page, *YouTube* channel or *Twitter* account

The Facebook logo, consisting of the word "facebook" in white lowercase letters on a blue rectangular background.The Pinterest logo, featuring the word "Pinterest" in a red, cursive script font.The YouTube logo, with the word "You" in black and "Tube" in white inside a red rounded rectangle.The Twitter logo, featuring the word "twitter" in a light blue, lowercase, rounded font with a white outline.A blue square icon containing the text "http://www" in a white, sans-serif font, representing a web address.



Some of my favorite apps

The question should not be
“Which app should I get?”,
it should be
“What can I do with this app?”



Toca Boca Hair Salon

- ▶ What kinds of concepts can you work on?
 - ▶ Color recognition
 - ▶ Following 1-step to multi-step directions
 - ▶ With and without visual cues
 - ▶ Discuss routines for getting ready in the morning
 - ▶ Naming objects used to take care of hair
 - ▶ Tell a story about the characters



App Share



Data tracking apps

Advantages

- ▶ Discrete
- ▶ Look at multiple targets
- ▶ Graphs are automatically generated
- ▶ Email results
- ▶ Engaging

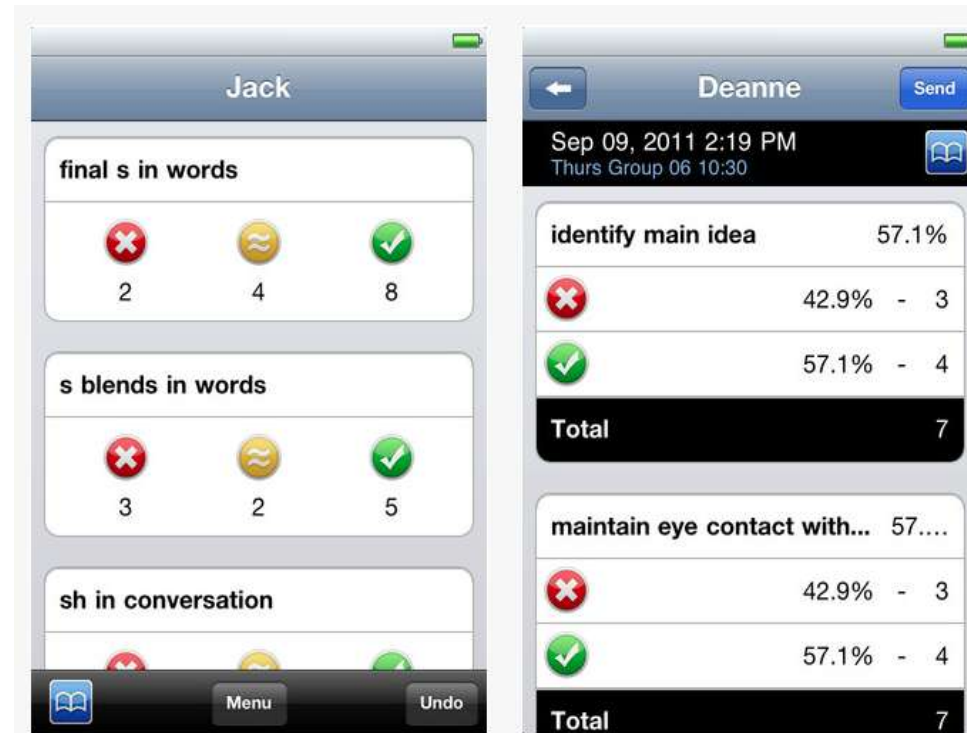
Disadvantages

- ▶ Equipment needs
- ▶ Comfort with tech
- ▶ Access to WiFi required for some apps
- ▶ Difficult to recover lost data



Types of things that can be assessed

- ▶ Specific behavior
 - ▶ On/Off task
 - ▶ How long they keep their HA/CI/FM on
 - ▶ Positive interaction
 - ▶ Negative interaction
- ▶ Domains
 - ▶ Frequency
 - ▶ Duration
 - ▶ Correct/Incorrect response
- ▶ One student vs. multiple students



Where is the information kept?

▶ Online or “in the Cloud”

- ▶ Will need Internet access
- ▶ The app may be a part of a whole program/software that you purchase (e.g., *eCove*, *IEP PAL*)
- ▶ How many licenses will you purchase?



▶ On the device itself

- ▶ May have limited memory – can store media (documents, pictures, videos) on flash drives
- ▶ Once you erase it, it's gone (or very hard to retrieve)



Examples

▶ *D.A.T.A. – Direct Assessment Tracking Application*

- ▶ Can track multiple things at the same time
- ▶ Easy to use
- ▶ Nice graphs



▶ *Super Duper Data Tracker* (iTunes and Google Play)

- ▶ Multiple Students / Multiple, customizable goals
- ▶ Calculates percentage
- ▶ Email results



▶ *Vocabulary Tracker Pro*

- ▶ Keep track of how many words your student uses



Advocacy

- ▶ Rule the School apps
 - ▶ iPad version of the Board Game which works on advocacy skills and general knowledge
- ▶ *Self Advocacy*
- ▶ *Hearing Aid TicTacToe*
- ▶ *FM TicTacToe*
- ▶ *RTS Hangman*



Advocacy

► *Sketch*

- Take a picture of an environment and make notations

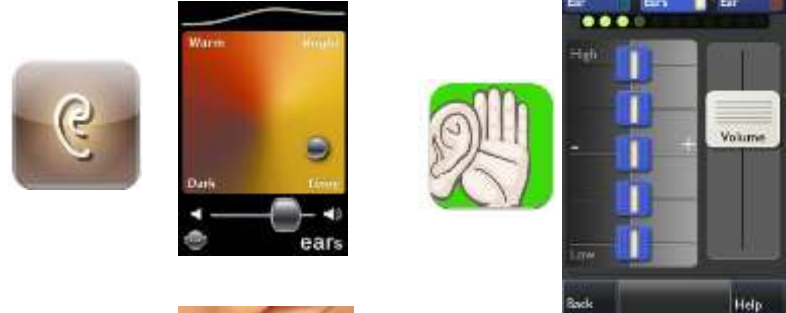


Amplifier Apps

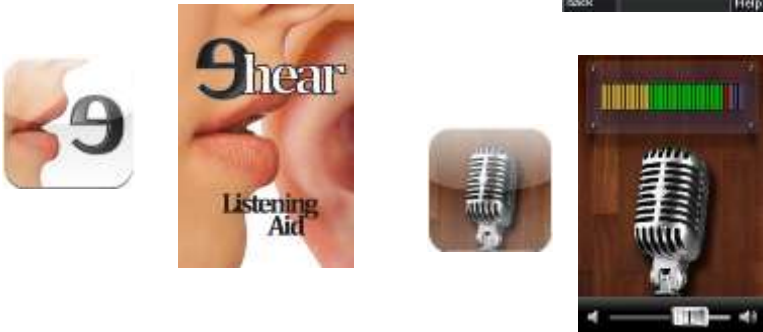


- ▶ Must-read article by Sam Atcherson (cited below)
- ▶ Out of 17 apps that were evaluated, 5 of them have OSPL90 values in excess of 130 dB
- ▶ Favorites based on ease of use, little to no acoustic delays (echoes), overall sound quality:

- ▶ *EARs*



- ▶ *SoundAMP R*



- ▶ *eHear*

- ▶ *Microphone*

Not your grandpa's hearing aid...

- ▶ Several manufacturers are working with Apple on this project
- ▶ Specific hearing aid manufacturers and models will interface with the iPhone directly (i.e., sans intermediary device)



GN Resound LiNX



Audiology

- ▶ Cochlear Corporation (iTunes and Google Play)

- ▶ *Baha Support*



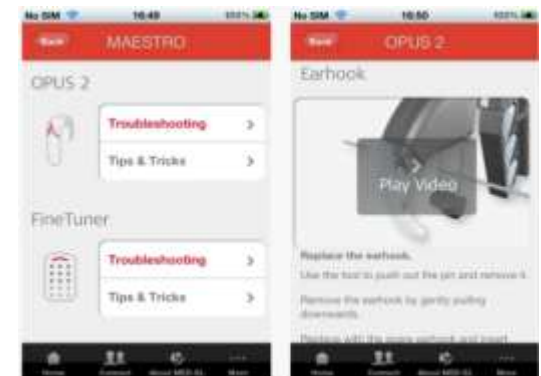
- ▶ *Nucleus Support*



- ▶ REC: download the video clips ahead of time

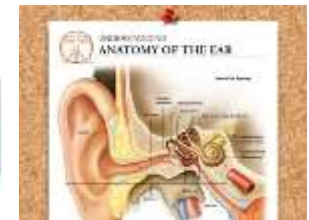
- ▶ Med-El

- ▶ *EasyGuide*



Audiology Counseling

- ▶ *drawMD ENT*
 - ▶ stamps
- ▶ *Ear Anatomy*
 - ▶ think of the poster in your office
- ▶ *Ear ID*
 - ▶ animations
- ▶ *Alta Diary*
 - ▶ Keep track of sounds you like/don't like



Captioning resources

▶ *Captionfish*

- ▶ No longer available as an app but looking at bringing it back and making a Droid app
- ▶ Times, locations, movies
- ▶ Type of accessibility
 - ▶ Open Caption - OC
 - ▶ Closed Caption – CV, RWC, Sony-DV
 - ▶ Described Audio - DA
- ▶ Captioned trailers
- ▶ <http://www.captionfish.com>



Hearing Loss Simulators

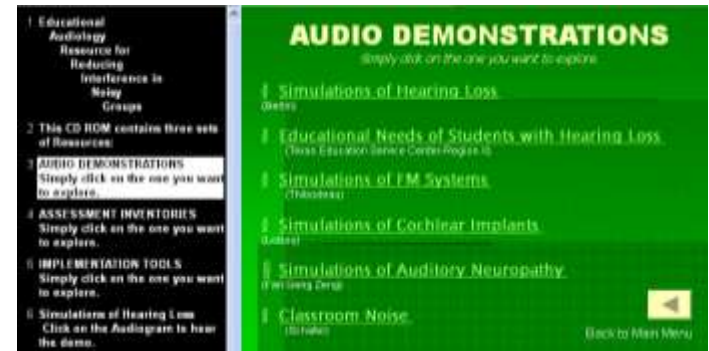
- ▶ As with all simulations, must remember they are **SIMULATIONS**
- ▶ May want to use external speaker and SLM
- ▶ *eCaps Pro*
 - ▶ Great counseling tool – simulations, scenarios
- ▶ *Starkey HLS*
 - ▶ Different configurations and a variety of listening environments
- ▶ *ClearPath (ReSound)*
 - ▶ Can input a specific audiogram

Oticon
eCaps Pro



Sound files on your portable device

- ▶ Go to Linda Thibodeau's site for Ed Auds
 - ▶ Download various sound files to your tablet's or phone's media player
 - ▶ HA only, HA+FM, FM only simulations...great for portable demonstrations!
 - ▶ Classroom noise...great way to practice listening in noise
- ▶ There are many online resources for how to do this
 - ▶ <http://www.iskysoft.com/itunes/import-youtube-flv-videos-to-itunes-mac.html>
 - ▶ <http://clipconverter.cc>



Apps to use for sound simulations

▶ **One Track Mind**

- ▶ Used for playing short tracks like sound simulations



▶ **White Noise Pro**

- ▶ Use “noise” already in app
- ▶ Record your own



▶ **Video**

- ▶ Built-in video player



▶ **FREEdi Player for YouTube**

- ▶ Can watch YouTube videos offline

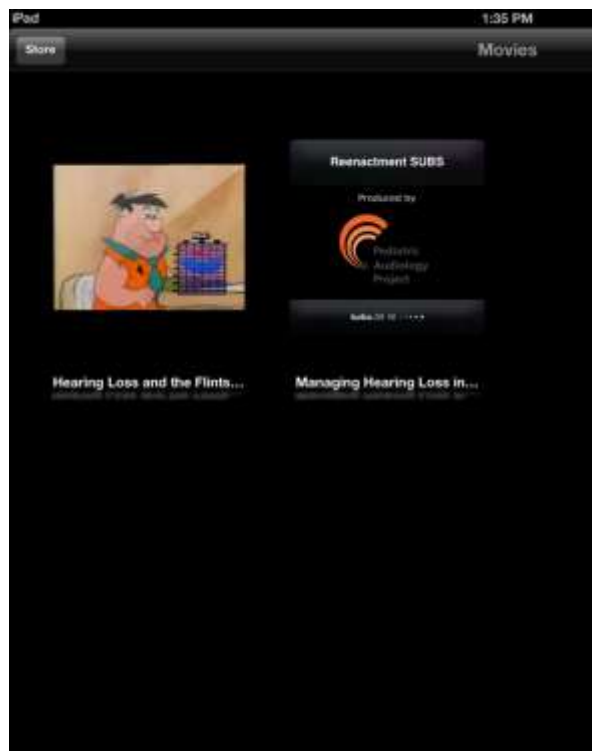


These type of
apps come and
go...



Audio and video on my iPad

Video



One Track Mind

Simulations (audio or video) - online

- ▶ Bookmark your favorite sites for audio and video demonstrations
- ▶ Will need Internet access
- ▶ Make sure you are using a compatible browser for Adobe Flash content
 - ▶ *Puffin*
 - ▶ *SkyFire*
 - ▶ *Photon Flash*
 - ▶ *Browse2Go*
 - ▶ *iSwifter*
 - ▶ *Rover*



Media players with captioning

▶ *ABC Player / ABC Family*

- ▶ Switched at Birth!
- ▶ iTunes only



▶ *Netflix*

- ▶ iTunes and Google Play



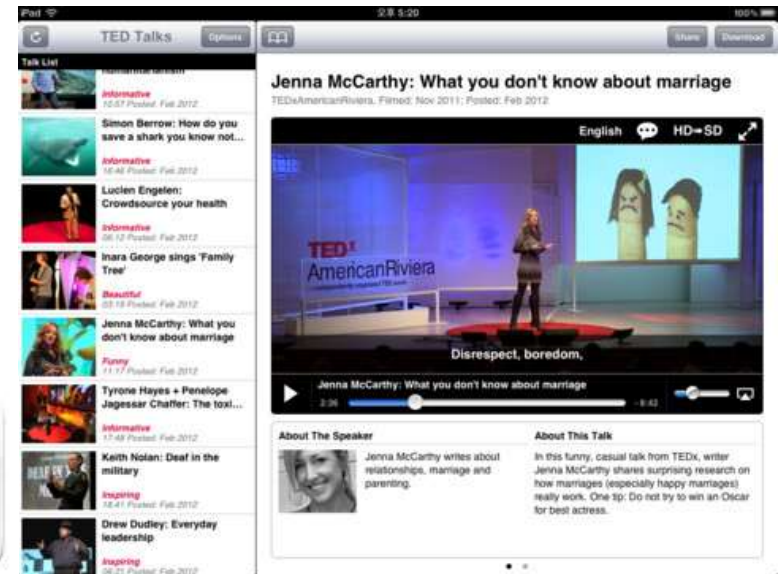
▶ *Hulu Plus*

- ▶ iTunes and Google Play



Media players with captioning

- ▶ **TEDiSUB**
 - ▶ Watch TED talks with subtitles embedded
 - ▶ iTunes only



Music with lyrics

▶ *Pandora*

- ▶ Internet radio
- ▶ Desktop app will display lyrics
- ▶ Available on iTunes, Google Play, BlackBerry App World



▶ *SoundHound*

- ▶ Listens to a song and will tell you
 - ▶ Name of the song
 - ▶ Artist
 - ▶ Album
 - ▶ Lyrics that are synched (if available)
- ▶ Available on iTunes, Google Play, Windows Phone



Sound level meters

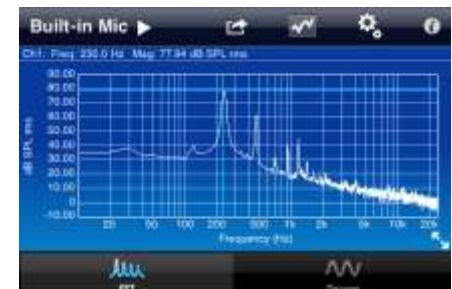
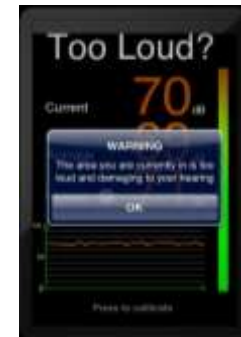
▶ Caveats

- ▶ Not as accurate as a professional SLM
- ▶ Many are gimmick-y
- ▶ Often need to be calibrated
 - ▶ Can be done somewhat crudely in our booth
 - ▶ They have been around +20 dB on average for me
 - ▶ I would hesitate getting one that you CANNOT calibrate



Sound level meters

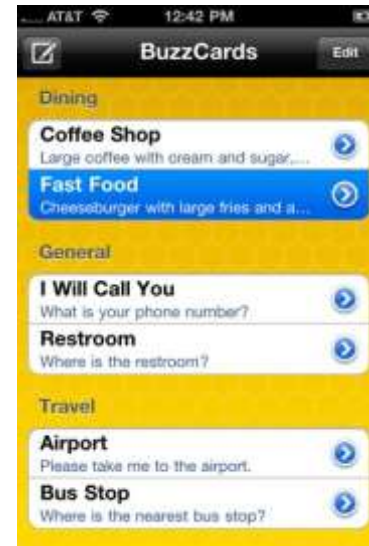
- ▶ *deciBel*
 - ▶ Google Play
 - ▶ Can take fast or slow samples
- ▶ *Too Loud?*
 - ▶ iTunes
 - ▶ Banner comes up when too loud
- ▶ *SignalScope*
 - ▶ iTunes
 - ▶ Can look at individual frequencies



Text based communication

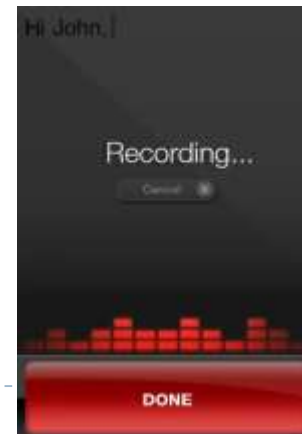
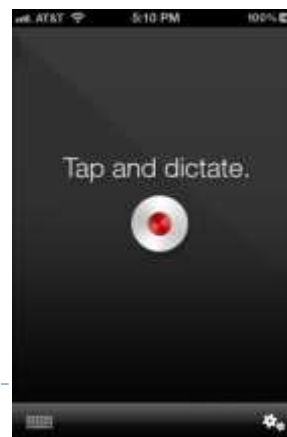
▶ *BuzzCards*

- ▶ Nice to have on a phone if they don't have intelligible speech
- ▶ User types their customized message into phone and it shows in big font



▶ *Dragon*

- ▶ Voice-to-text



Hi John, call me when you get this e-mail. I'm running a little bit late.

Google Translate

- ▶ Translate from one language to another
- ▶ Speak in one language and it will come up in another language
- ▶ Uses voice recognition software so must have an Internet connection
- ▶ Can listen to your voice again
- ▶ Requires WiFi or data connection



Listening Therapy

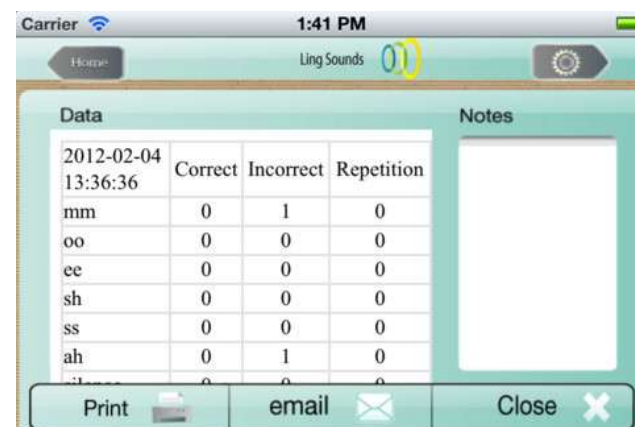
- ▶ *Auditory Verbal*
- ▶ *Rehabilitation Game*
- ▶ *Word Board*
- ▶ *Learn English Lingo Arcade*
- ▶ *Bitsboard*
- ▶ *DyslexiaQuest*
- ▶ *Hear Coach*
- ▶ *Auditory Workout*
- ▶ *Sight Words Hangman*
- ▶ *See.Touch.Learn. Pro 2012*
- ▶ *Old MacDonald*
- ▶ *Row, Row, Row Your Boat*
- ▶ *Lexico Cognition*
- ▶ *Splingo's Language Universe*
- ▶ *What's That Sound?*
- ▶ *Sound Match*
- ▶ *TOEIC Listening: Photographs*
- ▶ *Learn English – Listening Skills*
- ▶ *Sound Touch Lite*
- ▶ *Keyword Comprehension*



Auditory Verbal

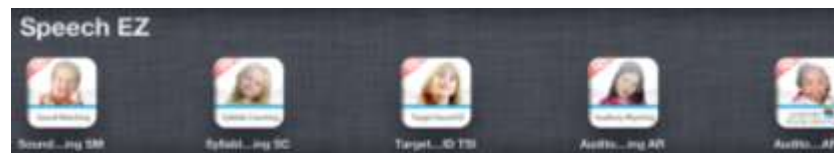
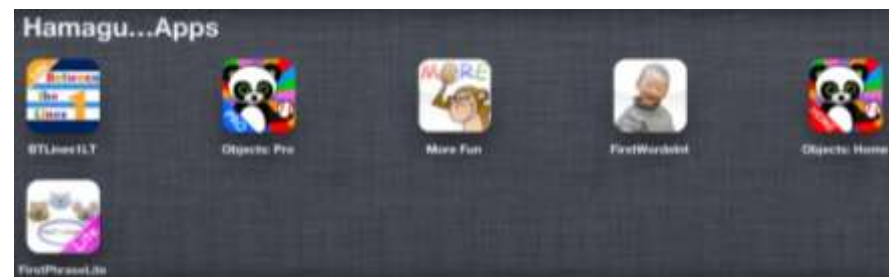


- ▶ Concentration on the Ling Sounds
- ▶ Can use receptively or as a model
- ▶ Male/female/RECORDED voice options
- ▶ Built-in record keeping



Listening Therapy - Developers

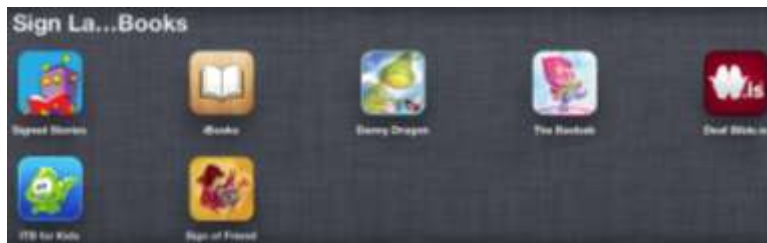
- ▶ Alligator Apps
- ▶ Grasshopper Apps
- ▶ Hamaguchi
- ▶ I Can Do
- ▶ Kindergarten.com
- ▶ Speech EZ Apraxia
- ▶ Troll in a Bowl



Sign Language

Books

- ▶ *Signed Stories*
- ▶ *Zoey Goes to the Dog Park (iBooks)*
- ▶ *Danny the Dragon Meets Jimmy*
- ▶ *The Baobab*
- ▶ *Deaf Bible.is*
- ▶ *Interactive Touch Books for Kids*
- ▶ *The Sign of Friend*



Teaching

- ▶ *Marlee Signs*
- ▶ *My Smart Hands*
- ▶ *My Smart Hands Finger Spelling*
- ▶ *Baby Sign and Learn Lite*
- ▶ *Sign Language!*
- ▶ *Sign Language Idioms, Vol. 1-2 Set*
- ▶ *Signlex*
- ▶ *Comunica*
- ▶ *Wierman's Family ASL I*
- ▶ *iSign*
- ▶ *Baby Sign and Sing*
- ▶ *American Sign Language Alphabet Game*



Telecommunications

- ▶ Video Relay Service (VRS)

- ▶ *ZVRS*
- ▶ *Purple VRS*
- ▶ *Sorenson nTouch*
- ▶ *Convo Mobile*



- ▶ Captioned Telephone

- ▶ *Hamilton CapTel*
- ▶ *ClearCaptions*



- ▶ Most available on iTunes and Google Play



Miscellaneous

▶ *Super Duper Age Calculator*

- ▶ From Super Duper, great for calculating chronological age when doing IEP paperwork
- ▶ iTunes, Google Play



▶ *DialSafe Pro*

- ▶ Practice with phone numbers





Accessories

PdaNet+(FoxFi)

- ▶ Sorry! Android users only
- ▶ Allows you to use your Android phone's data and turn it into a WiFi hotspot for **FREE**
- ▶ Android + PdaNet + iPad 2 + iPad 4 in car = winning!



Lesson learned:
Make sure your device is
compatible with the app...

BubCap

- ▶ Cover for your home button
- ▶ Comes in various thicknesses
- ▶ May become obsolete in iOS 6



Protection/Cases

- ▶ Otterbox



- ▶ Swivel 360



- ▶ Bluetooth keyboard



Mother necessity

- ▶ How to keep two kids from fighting over one iPad in the car...



© All rights reserved.
<http://tinachildress.wordpress.com>

Personal listening devices

- ▶ Headphones (cupped)
- ▶ ClearSounds Amplified Power Neckloop CLA7v2
- ▶ ClearSounds Quattro Amplified Bluetooth Neckloop with A2DP
- ▶ Monster AYICP 200 Mini Y-Adaptor for iPod w/ Volume Control



Output limiting headphones

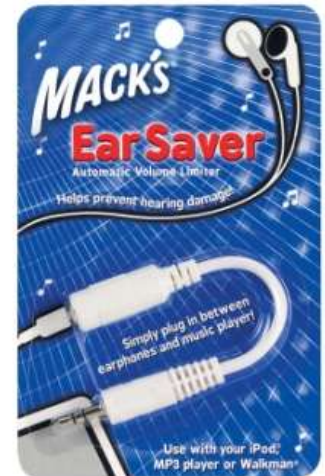
▶ ETY-Kids earphones

- ▶ <http://aubankaitis.wordpress.com/2012/03/07/development-of-high-fidelity-safe-listening-earphones-guest-post-by-patricia-a-niquette/>



▶ Mack's Ear Saver

- ▶ In-line volume control
- ▶ <http://aubankaitis.wordpress.com/2011/07/13/ear-saver/>



Speakers

- ▶ Chill Pill



- ▶ BassBoomz



- ▶ Logitech Speaker Stand



Non-electric ways to enhance sound

► Amplifear



► Red Solo Cup!



Non-electric ways to enhance sound

iPhone **in** a bowl



iPhone **on** a bowl



DreamZon LightOn phone signaler

- ▶ Uses the vibration from your phone to trigger the flashing light alert
- ▶ No plugs
- ▶ Optional additional bedshaker
- ▶ Works as a stand, too



Mirroring

- ▶ **Project your iDevice**
 - ▶ TV – may need an intermediary device (e.g., Apple TV or HDMI adapter)
 - ▶ Computer monitor – may need a specific program/app if your computer is older





Miscellaneous iPad tips

Organize your Apps



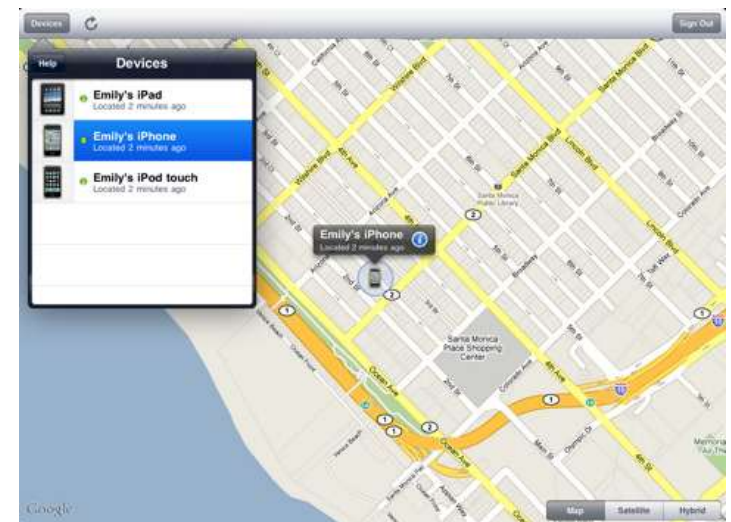
Using PDFs vs. paper

- ▶ Great way to go green!
- ▶ Easy to project onto display and use drawing tools
- ▶ LOTS of great resources on Teachers Pay Teachers
 - ▶ <http://www.teacherspayteachers.com/>
- ▶ Usually have to open PDFs in browser before uploading
- ▶ When opening in Browser, it will give you options for which program to use
- ▶ Apps
 - ▶ ***TinyScan Pro***
 - ▶ ***TopNotes Pro***



Security

- ▶ Because you have child-sensitive information on your iPad, be sure to have a passcode
- ▶ *Find My iPad*
 - ▶ Locate your iPad if it gets lost
 - ▶ Remotely set a Passcode
 - ▶ Remotely WIPE all the data on your iPad if it was stolen
 - ▶ Done via iCloud website
 - ▶ Must be in iOS 5.x





Resources

http://tinachildress.wordpress.com

Getting from There to Hear

Links and posts about issues related to hearing loss

HOME

Quick View

Information/Resources

Support

Products

Videos

Apps for iOS

Products

Links to Data Collection Apps

Tina Childress, MA, CCC-A



December
21, 2011

Apps for Kids (and Adults) with Hearing Loss

Tina Childress Tips and tricks for the iPad/iPhone/iPod Touch Apps, iPad, iPhone, iPod Touch 6 Comments [Edit]



As an educational audiologist, late deafened adult with bilateral cochlear implants, gadget lover and hoarder-of-apps, I felt compelled to try and find as many apps as I could in the iTunes store relating to working with individuals with hearing loss. With all of the hundreds

Search...

Email Subscription

You are following this blog ([manage](#)).


Pinterest



Getting from There to Hear

Like You like this.

The App List (<http://bit.ly/Pw8E2X>)

WELCOME!!!	Updates
<p>Thank you for visiting this app list for children and adults who are Deaf/deaf/hard of hearing! I update this list periodically so be sure to check the "Date added to this list" in the far right column of each tab to see if your list is up-to-date.</p>	
<p>Recommended apps are highlighted in green.</p>	<p>01/16/2013: Due to the sheer volume of apps that I have added/will be adding to this list in the next few weeks, I have decided that ONLY recommended apps will be on this list. If you would like to see the ones that I removed, you can find them here</p>
<p>I have separated the apps into Categories (e.g., Accessibility, Advocacy, etc.). On a computer, you can see these Category tabs towards the bottom of the page. On an iDevice in the Safari browser, the Categories are listed on the top as hyperlinks. If you'd like to see all of the apps I've compiled, check out the Master List tab.</p>	
<p>I've sorted the apps with the most recent at the top. To look for a particular app, you can do Ctrl+F (PC) or Command+F (Mac) and enter the app you're looking for. Feel free to browse! Alternatively, here are the Categories listed out...click on the hyperlink to go to that tab in a different window:</p>	
<p>Accessibility</p>	
<p>Advocacy</p>	
<p>Audiology</p>	
<p>Classroom Tools</p>	
<p>Hearing Test</p>	
<p>Listening Therapy</p>	
<p>Media Players</p>	
<p>Personal Amplifier</p>	
<p>Sign Language</p>	
<p>Sound Level Meter</p>	
<p>Speech/Language</p>	
<p>Telecommunication</p>	
<p>Master List*</p>	
<p>* This is a listing of ALL of the apps on one tab</p>	
<p>Resources (e.g., favorite developers, blogs and websites)</p>	
<p>Please let me know if there are any errors or if you would like for me to add an app. Thanks so much for visiting!</p>	
<p>~ Tina Childress ~</p>	
<p>http://tinachildress.wordpress.com</p>	

- Accessibility
- Advocacy
- Audiology
- Classroom Tools
- Hearing Test
- Listening Therapy
- Media Player
- Personal Amplifier
- Sign Language
- Sound Level Meter
- Speech/Language
- Telecommunication
- Master List*
- Resources (e.g., favorite developers, blogs and websites)

www.delicious.com/hlpuears

- ▶ Scores of links related to hearing loss
- ▶ Searchable via tags

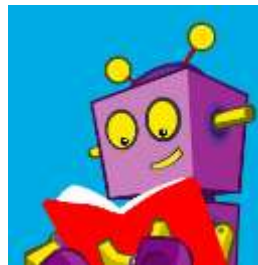
The screenshot shows the Delicious website interface. On the left is a blue sidebar with navigation links: Sign in, Network, Discover, and Add Link. The main content area displays the profile of Tina Childress (@hlpuears), who has 373 public links, 0 following, and 2 followers. Below the profile is a section titled 'TAGS' with a list of tags including: android, App, Apple, ASL, Assessments, Assistive Technology, audiology, Auditory Neuropathy, Auditory Training, C-Print, Caption, CaptionCell, Captioned telephone, CaptionFirst, captioning, CART, Cellphones, Checklist, Classroom Acoustics, ClearSounds, Cochlear Americas, Cochlear Implant, CochlearImplantHELP, CochlearImplantOnline, college, Connectivity, Convo, Counseling, DCOMP, Deaf Culture, Deaf+, deaf-blind, Demographics, Described and Captioned Media Program, Early intervention, earjugs, education, Educational Audiology, Educational Interpreter, emergency, Employment, Mtype.pdf, Financial Aid, Flashcards, FM, Funding, Hal-Her, Handouts, HARC, Hams Communications, health, Hear Gear, Hearing Aid, Hearing aid compatibility, Hearing Conservation, Hearing families, Hearing loss, Hearing protection, HearMore, HearWorld, HearNotes, High school, HSLA, Humor, iCapApp, iCommunicator, Identification, Illinois, IEP, Illinois, Illinois Resources for Individuals with Hearing Lo, Insurance, Interpreter, iPad, iPhone, ISU, Itinerant Teachers, iTunes, Librarians Learning, LightSpeed, Ling Sounds, Listening and Spoken Language, Listening for Life, Literacy, Med-Ed, media/document, Medical identification, Movies. Below the tags is a link to 'SHOW ALL 158 TAGS'. The 'TAG BUNDLES' section shows three bundles: 'Hear Gear | technology to help you hear' (wordpress.com), 'Nice blog with explanations about different types of Assistive Technology' (oct 9, 2013), and 'Hearing Loss Solutions for You! | Hear Gear' (nheargear.net, oct 9, 2013). The 'LINKS' section shows three links: 'CSUN Students Turn Challenge into App to Help Deaf and Hard of Hearing | CSUN Today' (csun.edu, oct 2, 2013), and 'Explore | Assistive Technology .TV' (assistivetechnology.tv).

Favorite App Developers

- ▶ Toca Boca
- ▶ Hamaguchi
- ▶ Smarty Ears
- ▶ The Speech-EZ Apraxia Program
- ▶ Mellissa Essenburg
- ▶ Tactus Therapy Solutions
- ▶ Troll in a Bowl
- ▶ Grasshopper Apps
- ▶ Alligator Apps
- ▶ Kindergarten.com
- ▶ Super Duper Publications
- ▶ Speech with Milo
- ▶ ITV / Signed Stories



Grasshopper Apps



**ITV / Signed
Stories**



facebook

▶ Developer Pages

- ▶ Hamaguchi Apps for Speech, Language & Auditory Development
- ▶ Toca Boca
- ▶ The Speech-EZ Apraxia Program
- ▶ Mellisa Essenburg, M.S. CCC-SLP Speech-Language Pathology
- ▶ Tactus Therapy Solutions
- ▶ @Reks
- ▶ Grasshopper Apps
- ▶ Abitalk Mobile Education Apps Community
- ▶ The Rover App
- ▶ Kindergarten.com
- ▶ Super Duper Publications
- ▶ Smarty Ears
- ▶ Spirit-Led Designs
- ▶ Speech with Milo

▶ App reviews

- ▶ Technology in (SPL) Education
- ▶ Auditory Verbal Center of Wheaton
- ▶ Jellybean Tunes
- ▶ The iMums
- ▶ Smart Apps for Kids
- ▶ Special Education iPad Users
- ▶ MomsWithApps
- ▶ A4cwsn
- ▶ App Friday
- ▶ Zanyanimation. iPad/iPhone Apps for Kids

▶ Groups

- ▶ App Sharing Group
- ▶ iTeach Special Education



Find us on
Facebook



Blogs/websites

- ▶ www.techinspecial.com
 - ▶ Guest blogs, highlights various apps, FREE app of the day
- ▶ www.consonantlyspeaking.com
 - ▶ SLP, includes various app lists
- ▶ www.smartappsforkids.com
 - ▶ FREE app of the day
- ▶ www.geekslp.com
 - ▶ Developer page but also great information on using iDevices for speech and language
- ▶ www.appolicious.com
 - ▶ Search for app lists



App lists for Special Education (general)

- ▶ <http://bridgingapps.org/>
 - ▶ Searchable app list
- ▶ <http://www.isrc.us/sites/default/files/pdf/Apps-for-Special-Education.pdf>
- ▶ www.bagtheweb.com/b/gpTwQE
 - ▶ Search for apps by topic, focus on special education teachers
- ▶ <http://babieswithipads.blogspot.com/>
 - ▶ Great for EI providers
- ▶ <http://www.asha.org/Publications/leader/2011/111011/Apps--An-Emerging-Tool-for-SLPs.htm>
- ▶ https://docs.google.com/spreadsheet/ccc?key=0AkuCmTWKgyeHdHFVX2JXd2ZoQzBDdVVrNU0tWjhqUkE&hl=en_US#gid=0
- ▶ <http://teachwithyouripad.wikispaces.com/Special+Education+Apps>



