

# **Apps for Education**

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### **CREC-TABS**

This handout is meant to be a resource. It is not meant to be exhaustive and is not a suggestion on what apps to buy or download. It is always helpful to review the ratings on apps before purchasing. For review of apps, click on the review button when you are on the app download page in iTunes. If a lite version is available, generally they are free or cheaper, so they can be a way for you to try an app.

For children's apps click on the Apps for Kids category in iTunes sidebar. For books, click on the Books category. Use the search parameters built into iTunes for apps by clicking on the apps button when your search results come up.

iTunes now has a **Special Education Section** as one of the searchable categories in the iTunes sidebar. Included in this category is: communication; hearing; language development; literacy & learning and organization.

To take **screen shots** of your various displays on your devices, press the "home" and "sleep" keys at the same time. The screen shot will be saved in your photos and can be emailed or used in presentations.

**"Find my iphone"** is an app by Apple that works at locating iDevices as long as they are connected to a network.

To **restrict access to WIFI on the iPad** (with OS 4.2 onward), go to Settings>General>Restrictions and then Enable Restrictions. You then set a passcode. You now have the option of not allowing access to Safari, YouTube, iTunes, and Installing and deleting Apps. If you choose to restrict these apps, they will not even appear on the device. You can also set Content ratings for Music, Movies, TV Shows, Apps, etc.

To **create folders** drag one application on top of another and name the folder. On the iPad you can have up to 20 apps in a folder, allowing many more apps to be loaded onto the device. You can also use folders on the iPhone and iTouch. It can also be done on the computer while you are syncing your device, by going to the list of your apps and dragging apps on top of each other. You will see thumbnails of each app in the folders. A great way to organize your apps.

Some new feature of iOS 4.3 are you can now customize your iPad side Switch to control volume on and off or screen rotation lock (configure this through settings). You can also have your iPhone 4 create your own wifi hotspot and share your connection with up to 5 devices (Mac, PC, iPad, or other Wi-Fi-capable device). iPhone detects when your Personal Hotspot is no longer in use and turns it off to save battery life.

### FREE APPS:

It was reported that approximately **30% of the apps on iTunes are free**. In iTunes you can do a Power Search to search only for free apps. If you put "Power Search" in the Search Store section in the upper right hand corner of iTunes the Power Search menu pops up. Click on Search only for free applications. You can set this for the category type, as well as apps just for the iPad.

Power Search	Title/Keywords	Developer Name	Category	Device Compatibility	Search
Apps			All	All Devices	
<input checked="" type="checkbox"/> Search only for free applications <input type="checkbox"/> Search only for iPad applications					

The website **Free App Alert** (<http://freeappalert.com/>) provides information on free apps. This website is updated on an on-going basis, as apps may only be free for a period of time.

Apple has Education Account Executives that can assist educational systems or educators in purchases or understanding the Education Volume Purchase Program. The representative for Connecticut is Ann Couser Kittredge, K12 Education Account Executive, Apple Inc. □, Chester, CT 06412, □ 860-501-2976, Fax: 866-758-7704. She reported that there is a discount on volume iPad purchases.

### How Many Devices can an App Legally be loaded on:

(Information provided by David Niemeijer, on the QIAT listserve on 11/2/10)  
The App Store license (see <http://www.apple.com/legal/itunes/us/terms.html#APPS>) applies equally to the Volume Purchase Program (VPP) and to the regular iTunes purchases. See David's post on **iTunes, iPod, iPhones and iPad FAQ's** at <https://support.assistiveware.com/index.php?pg=kb.page&id=54>.

It specifically states:

#### APP STORE PRODUCT USAGE RULES

(i) You may download and sync a Product for personal, noncommercial use on any device You own or control.

(ii) If You are a commercial enterprise or educational institution, You may download and sync a Product for use by either (a) a single individual on one or more devices You own or control or (b) multiple individuals, on a single shared device You own or control. For example, a single employee may use the Product on both the employee's iPhone and iPad, or multiple students may serially use the Product on a single iPad located at a resource center or library.

In other words, if personal use applies you can use an app on any number of devices you own or control. If the device and software is owned by and educational institution it is either one license per device used by multiple students, or one license per student using multiple devices. This applies to both licenses purchased through VPP (Volume Purchase Program) and normal iTunes

purchases.

#### Benefits of VPP:

- Apple honors tax status of your organization
- Apple accepts purchase orders for VPP vouchers
- There is a 50% discount if 20 or more licenses are purchased at once for a particular app that is in the VPP (my guess is most educational apps are).

Licenses purchased with VPP can be deployed by syncing a single iTunes account to many devices or through one account per device. In the first case (one account for many devices) you still need to purchase as many licenses as you have devices or users, but you only redeem one license and store the remaining ones in a cool dry place so that you are in compliance with the terms (you bought as many licenses as you have devices or users).

#### Redeeming Volume Vouchers to purchase apps:

Create a new Apple ID for the App Store Volume Purchase Program. These are separate accounts from personal iTunes accounts and won't be able to access the App Store to download applications, music or any other content. Search for and purchase apps in variable quantities, up to the dollar limit of the voucher amount. The institution's tax status will be recognized and billed accordingly. The Program Facilitator will receive an email with a link to a dashboard, now populated with app-specific codes. These codes can be distributed to users for redemption at the App Store.

#### Art

123 Sticker HD	(\$3.99) iPad, Animated sticker book in English, French, Spanish and German, build and create sticker books with sound effects, background music, 25 songs and voice over for colors' names.
ArtStudio	(\$3.99) ArtStudio is a professional drawing/ painting application that also provides photo editing.
ClickySticky	(\$1.99) iPad only, animated sticker book that allows a variety of stickers to be placed and modified on various themed backgrounds.
Color & Draw	Includes various types of paper and background images. You can import pictures for your background
Curious George	With virtual stickers and 45 colors, paint 56 unique pages of Curious George and friends.
Doodle Buddy	Finger paint with colors and tap the screen to include stamps on pictures or provided backgrounds.
Doodle Kids	Using a finger, draw random shapes in random colors and sizes, then shake to clear the screen
Draw for iPad	(Free) Cooperative Drawing Game
Drawing Den	A series of pages to color in.
Drawing Pad	Includes different brushes, stamps, crayons, colored pencils and different color paper for the backgrounds.

iCreate	An art program that allows you to add stamp images or your creations onto included backgrounds. Some verbal feedback provided.
iColoring Book	With many pen colors paint included images, or use downloaded images from the Internet.
iDoodle2Lite	(Free) A powerful and fun drawing app that allows you to draw in an array of colors with full alpha support, sketch basic geometric shapes along with the pen and “blob” tool, replay your drawings, undo/redo with a quick half-flip, save images to your library, and much more.
Itsy Bitsy Spider	A musical color image with 70 elements to paint. You can save your image to your photos.
Learn to Draw	Follow directions with basic shapes to make drawings
Splatter HD	(Free) allows you to pick colors and make spatter pictures that you can save in your picture album.
SculptMaster 3D	Using your fingers, create digital sculptures by painting clay like material.
Spawn (a lite version available)	Touch and drag on different areas of the screen to get animated feedback of where your finger is moving.

### Assessment Tools

Decibel	(\$0.99) Allows you to know how loud a sound or environment is. Could use for biofeedback for someone to self-monitor or work on increasing or decreasing volume levels.
Eye Chart Premium	(\$3.99) iPad only. Allows you to randomize the Snellen and 2 other eye charts to use as a screening tool to test vision.
Test Your Hearing	(\$0.99) This fun application tests how good your hearing is and then it determines your approximate hearing age. If it's a lot more than your actual age, you may have hearing loss.
TiltMeter	(1.99) A professional grade angle measurement tool. It is commonly used for picture alignment, measuring angles of elevation, slope, or incline, showing the inclination of an aircraft or ship relative to horizontal, measuring the “look angle” of a satellite antenna towards a satellite, measuring the slope angle of a tape or chain during distance measurement, indicating roll of vehicles, sail boats, and aircraft, and much more. Can be used during assessments to determine what angles work best with various pieces of equipment.
uHear	(Free) A hearing loss screening test which allows you to test your hearing to determine if it is within normal range, or if you have potential hearing loss.

### Assistive Technology & Accessibility

There are accessibility features on the 16 and 32 GB model iTouches only and on the 3<sup>rd</sup> and 4<sup>th</sup> Gen. iPod Touchs, iPhone 3GS and iPads. These features include voice over, voice control, high contrast mode, mono audio and up to 5x zoom. For more information

go to: [www.apple.com/accessibility/](http://www.apple.com/accessibility/) and click on the specific tool you would like information on for the accessibility features. Apple now has a phone number if you have questions about accessibility. Apple Accessibility [877-204-3930](tel:877-204-3930)

Voice Controls – After holding down the home button, speak voice controls to your iPhone 3GS onward, to make calls and play music.

For people with visual impairments, you can purchase the clear table cloth plastic material and cut out shapes or dots to place on specific areas of the screen (the material will cling to the screen) so the person to feel where to touch to get feedback. Great with the different musical instruments apps.

A Special Phone	3 Steps (shake, verify, dial) to make a call without looking and use 6 friends images for speed dialing.
AirMouse	Install on iPhone/iTouch and computer and allows you to use the app to control the computer
Amplif'd	(\$0.99) A powerful volume control to amplify everything better at home, work, class, sporting events, theaters, concerts, and watching television all through your 3 & 4G ear buds with the built in microphone.
Apple Accessibility for the iPad	<a href="http://www.apple.com/ipad/features/accessibility.html">www.apple.com/ipad/features/accessibility.html</a>
Apple Accessibility for the iPhone 4	<a href="http://www.apple.com/iphone/features/accessibility.html">www.apple.com/iphone/features/accessibility.html</a>
Apple Accessibility for the iTouch	<a href="http://www.apple.com/ipodtouch/features/accessibility.html">www.apple.com/ipodtouch/features/accessibility.html</a>
Big Names	Large, high contrast text makes it easier to select and call a person from your contact list.
Blabberize	Create talking pictures
EARs	(\$3.99) lets the device be used as a hearing aid, you can modify the amplification to meet your needs.
EarTrumpet	(\$3.99) A hearing testing and enhancement tool, amplifies and adjusts sound to discretely improve hearing via the earphones.
Eye Glasses	(\$2.99) An iPhone only application for individuals with visual impairments. You use the iPhone camera to clearly display text or an image. The application offers 2x, 4x, 6x, and 8x magnification.
DigitEyes	(\$29.99) Allows you to take pictures of bar codes and have information about it displayed which you can read with voice over, also lets you print out the code with information about it. A lite version is available to allow you to create of read labels.
iHear Dialer	Move your finger across the keypad to hear phone number digits, then select the digit by releasing.
Magnify glass with light	(free) magnifyer with a built in light
soundAMP R	(\$4.99) Amplifies soft and medium sounds and softens loud sounds.
Speak it to me	(free) type or past in any text and have it read to you.

Touch LCD Designer Speaking Clock	(\$1.99) When clock is touched it speaks the time.
vozMe	Type in text and it creates an mp3 file of your text
Web Reader	(\$1.99 to 4.99) Web Reader is a text to speech page reader. You can configure web pages to be read as soon as they are loaded, read pages manually after they are loaded, point to where you want to start reading, or use Cut, Copy, and Paste to read only sections of text. You must be at least 17 years old to download this application.
ZoomReader	(\$19.99) Compatible with iPhone 4 only. Allows you to take a picture of text, and the app will then OCR it and read the text to you.

### **Autism Related**

Autism News Reader	(\$.99) Grabs the top stories from the best autism health news and information sites and delivers them to your iPhone.
AutismTrack	(\$49.00) (1/2 off during April). A journaling tool to track interventions, behaviors and symptoms with checkboxes for daily recording of any therapy, medicine or diet.
Gluten Free LifeStyle	(\$1.99) Search data base by brand, product or store and make personalized grocery lists.
Healthful Apps	(\$2.99) Searches and the available apps on iTunes in a variety of areas including but not limited to Autism apps, memory and focus and relaxation. Features recommendations for the best apps for health care.
Is That Gluten Free	(\$7.99) provides a searchable listing of gluten free foods. An eating out version is also available. Can search by category, brand or product names.
Skill Tracker Pro	(\$29.99) Allows unlimited clients and observers with optional video capture and charting/export of data. Includes cold probe for skill and mands, rate of manding and trial by trial data collection, with a built in library with hundreds of skills and targets that can be assigned to the clients curriculum.
See, Touch, Learn Pro	(\$24.99) Pro package contains all their libraries of pictures, application allows you to set up your own lessons using a DTI format.
Temple Grandin	(free) Includes links and information on her videos, books, articles and appearances.
Understanding Autism	(\$1.99) In a book format covering a variety of topics related to autism including treatments and therapies.

### **Books - Children**

ABC Dinos	A dinosaur name is read and shown on each alphabetical page
Berenstain Bears	(\$2.99) Various titles, 3 reading modes with words highlighted as they are read to you and pop up text as pictures are touched.

Brave Monkey	Cute story that is automatically reads to you. Does not highlight
Binky	A story about an elephant
Buddy #1	Story about Buddy the Bus and where he takes people. You can add your voice. It reads in English, French, Japanese, Chinese, German and Spanish.
Bugs	Real photographs of bugs with the text that is read by touching Mother Goose.
Cat in the Hat	An interactive book that can be read to you or you can read where each word is highlighted and the text label of items on the page is displayed and read when touched.
Children's Classics	Auto scrolling books from various authors, arranged alphabetically. Text only with some illustrations.
Curious George's Puppies	The book allows you to record your own voice and is read to you page by page. It allows a large text feature
Curious George B-day	An interactive book where you discover George's birthday surprise as you listen to the book or record your voice
Dr. Seuss's ABC's	An interactive book that can be read to you or you can read where each word is highlighted and the text label of items on the page is displayed and read when touched.
Emperor's New Clothes	Can auto scroll, the text is not read aloud.
The Textremely Curious Adventures of Katie Silverbell	(free) A collection of very short stories about Katie (written by Jodi who was diagnosed with autism at age 2). It is a work in progress and is updated regularly. It also includes a game and journal.
Fairy Tales	Books from Hans Christian Anderson that auto scroll at the rate you desire. Text only.
Goldilocks	Each word is highlighted as it is read to you
Grinch Who Stole Christmas	An interactive book that can be read to you or you can read where each word is highlighted and the text label of items on the page is displayed and read when touched.
HanselGretel	Each page is read to you when you touch the page
How to Train Your Dragon	From Forgedog Media, each word changes color as it is read aloud.
ICDL Books for Children	Thousands of children's books (e.g. Three Little Pigs) from 60 countries in various languages with illustrations.
I Like Books, From Grasshopper.com	(free) 37 Picture books that you can modify with your own text and speech. Contains high quality photographs.
iLook	High Contrast, white on black picture book with 5 categories (e.g. animals, food) for young children.
iMotherGoose – Bugs	Talking picture book with full color pictures that speak the insect name when touched
iMotherGoose – Emperor's New Clothes	The classic has been altered and contains narrations and original artwork.
iMotherGoose – Hansel and Gretel	The classic has been altered and contains narrations and original artwork.
iStoryTime Kids Books	The books are illustrated, include text, and are narrated with

	pages that turn automatically or manually.
Jack and the Beanstalk	(\$3.99) An interactive book and game. The goal of the game is to see how much Jack can climb up the endless beanstalk. The game changes every time you play it.
Just Grandma & Me	(\$1.99) The Little Critter story about going to the beach. No animation, but good sound effects, animated with a child's voice. Highlights word by word and pictures named and labeled when touched.
Just Me & My Dad Just Me & My Mom	(\$.99) This and other Mercer Mayer books are available. Animated, highlights word by word as text can be read in 3 modes.
Little Lala	Can read or have it read to you page by page
Little Red Riding Hood	Talking, interactive book with story narration paired with text and animated objects.
Miss Spider's Tea Party (also in French and Spanish)	(\$9.99) iPad, animated and interactive story with the books actual graphics, that reads to you
The Lorax	An interactive Dr. Seuss book that can be read to you or you can read where each word is highlighted and the text label of items on the page is displayed and read when touched. Background sound effects
Milly Molly (various titles)	(\$4.99) A series of books with text that highlights as it is read, with the text changing color and enlarging as it is read. It has touch to hear and touch to spell with the words. Includes games and coloring pages. The books relate to the adventures of 2 little girls from different ethnic backgrounds with their multi-cultural friends.
My Friend Isabelle	Two friends with differences in a narrated story paired with highlighted text.
The Penguins of Madagascar	Includes a maze, spot the difference, daleidoscope, create a scene, coloring board, jokes and 2 stories, that contain some videos (words are highlighted as read to you).
Peter Rabbit	The text is read to you, each page has a hidden shape and the pages color in as they are turned
Picturebook	(free) Create and share you own illustrated stories using a library of pictures. Stories can be narrated
The Reading Bug – from iStory Times a library of narrated children's books	Designed for children 2 and up. Can pick different voices and other preferences. This story is about a chameleon out to catch the reading bug.
Sesame Street Playground	Allows you to change some settings and record your own voice for this story about a lost puppy.
Shrek 4	(free) Highlights as the text is read, some animation and sound effects.
Spring	The simple story is read to you with sound effects.
StoryBook (a lite version is available)	A collection of stories that allows you to customize the books by genre, names, gender, ages and species. Each reading can be slightly different, introducing you to new words.



StoryKit	Easy program to create your own stories by adding in photos, text and speech. Could use for social stories and schedules.
Three Little Pigs	Interactive book with story narration paired with text. The characters can be touched to make sounds.
The Three Little Pigs – So Quat	(\$3.99) Karaoke reading, pronunciation of each word, display of syllabic decomposition, silent letters and vowels. Each pages has a cartoon animation, display of word explanations and word illustrations.
Toy Story	(free) Animated book that highlights the words as they are read.
Toy Story 2 Read Along	(\$8.99) Animated book that highlights the words as they are read, contains a variety of games, videos, sing-along tunes and coloring pages. You can record your own narration.
TumbleBooks	Various prices, includes a variety of titles created from existing books from various publishers by the same company that does Tumblebooks on the computer.
Treat Street	Simple Halloween animations containing a costume shop, Treat Street where you can interact with items on the street to get audio feedback and treats and a goodie bag. No speech or text.
Trucks	Simple story book that names and shows the text of the trucks as they are touched.
Zanny Born to Run (iPad only)	(\$2.99) A day in the life of Zanny, a little boy who simply cannot stop moving. Contains a feelings game.
Zoo You Later Monkey Business (lite version available)	(\$4.99) iPad only, interactive book that highlights words and allows you to add your own voice. You can hear each word read or spelled. Includes a coloring book.

### Books – Adults and Young Adults

3D Bookshelf	Includes a variety of classics
Alice for iPad (lite version available)	(\$8.99) Interactive pictures in the book, beautiful graphics, for fluency and shared reading.
Audiobooks	Download hundreds of classic books arranged alphabetically by author.
Barnes & Noble eReader	Allows you to download books from Barnes & Noble
BookList	Allows you to create a book list by title, author, genre and recent and do searches.
BookShelf	(\$4.99) App allows you to download ebooks from various resources and formats. Can import books from your computer.
Borders eBooks	Allows you to download books from Borders
Classics	Contains the complete text with some illustrations of 22 classic books. You can bookmark where you are in your reading.
Cliff Notes	Available for a variety of the classic books and offers information on the plot, characters and summaries.
EngLit	Summaries and reading assistance for many books in English Literature (like Cliff Notes). Each one is a separate app.
eReader	(Free) Download and read New York Times best selling

	electronic books, with over 100,000 ebooks available. It allows you to upload your own personal content or eBooks from many other web sites.
eTextbooks	(Free) When connected to the Internet access your eTextbooks to read them and to view, add or edit your notes.
Free Books	(\$1.99, free on iPad) Thousands of books in different genres, all to download for free
Good Reader	(\$0.99) A PDF viewer, there is an iPad version that support USB file transfer that lets you transfer files from your computer over a USB cord. The reflow features automatically fits all your text to a screen so you don't have to scroll left or right.
Great Books	The text of over 200 books, that are arranged alphabetically by authors. It uses autoscrolling.
iBooks	(free) Download and read books that show the pictures in the actual books, turn the pages back and forth by touching the edges of the pages. Get free books by searching for free books in the store.
Jules Verne	The works of Jules Verne
Kaeroboy Book 1	(\$.99) iPad, the tale of a kid with dyslexia who discovers he can read the secret language of superheroes, turning him into one.
Kindle for iPhone	(Free) Download and read Kindle books, highlight and take notes, select alternate text and background colors. Not all books work with voice over).
Mystery	Includes a collection of classic mysteries.
PDF Reader Pro PDF Reader Pro for iPad	(\$0.99 to 3.99) PDF Reader allows you to upload PDF files through WiFi. It also includes a document scanner feature. The iPad version allows you to transfer files to your iPad from your computer or directly from a website. Some of the features PDF Reader Pro Edition for iPad includes are USB file sharing, downloading email attachments, landscape mode with auto rotation, search capabilities, bookmark, password protection, emailing PDF files, WiFi web sharing, document manager, scan option and full web browser.
Schmooz	Auditory or visual summaries and notes on hundreds of books. Each one is a separate app. (Like Cliff Notes)
Science Books	(\$3.99) A large collection of complete books in the science domain.
Shakespeare in Bits (Lite versions contain only 2 acts)	(Free to \$14.99) An animated study edition of Romeo and Juliet featuring Kate Beckinsale and Michael Sheen. It features the complete original text combines with dynamic text features to increase comprehension. Modern translations for difficult words and phrases can be obtained by touching the words. Study notes, plot summaries and analysis are included.
Sherlock (iPad)	Vook (Videos and links included in the book to make it a video book).
Stanza	Download from over 50,000 free books and read them with

	tabbed navigation, copy support and note sharing.
VOD – Voice of Daisy	(\$25.99) Daisy format reader
Vook Books	(Prices vary from \$1.99 to 6.99) Various books that have embedded videos and links to wikipedia for the text that is in blue and underlined.
Wattpad 100,000+ books	(free) an ebook community where everything is free to download.

### Cause/Effect

Art of Glow	(free) colorful, animated glow particles
Awesome	(free) 14 interactive particle effects/screen savers
Bubble Harp	(\$1.99) Draw bubbles around your fingers, recording and replaying your movements while creating music.
Bubble Snap	(free) pop bubbles in bubble wrap one at a time or drag your finder to pop multiple bubbles.
Bubble Wrap	(Free) Pop the bubbles on the bubble wrap, when you pop them all you get a big bang
Fluid	(free) Turns your screen into liquid surface.
Fluidity	(free) play with water
Gravitarium	(\$0.99) Combines music, art and science with stars, colors and relaxing music.
I Love Fireworks	(free for lite version) combines the lights and sounds of fireworks.
Koi Pond	(\$0.99) Mimics a real koi pond. You can change the settings of things like the weather, lily pads, amount of fish, and more. You can touch and drag their finger in the water, move the lily pads, feed the fish by shaking the device, and watch the fish eat the food. The sound effects are very real, which makes the user feel like they really are at a koi pond.
Neon Doodle	(\$0.99) With 8 different neon colors, you can create a masterpiece, make a shopping list, play games like hangman or tic-tac toe , or even make a picture to send to a friend.
RadSounds	(\$29.99) From R. J. Cooper, his cause/effect music activity that can be used with his songs or import your own. Has a momentary mode where the song only plays as you touch the iPad. Comptible with his switch interface.
SoundTouch	(Lite version available) 12 animals or vehicles, when you touch one it goes to an actual picture and makes the sounds. 4 additional categories are in the full version.
Tesla Toy	(\$1.99) A interactive particle toy when your fingers touch the screen they generate an electrical field that makes the particles react.
UZU	Create different designs based on your touch actions, i.e. hold two fingers near each other and the particles will go between each finger, three fingers and all the particles come together and

	follow you finger movements, all on a black background.
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### Communication – Augmentative Alternative Communication (AAC)

AACSpeechBuddy	(\$39.99) 2000 Mulberry Symbols or use your own images, to be used in conjunction with the free Desktop Speech Buddy Application from <a href="http://www.aacspeech.com">www.aacspeech.com</a> , uses 6 different synthesized voices. Users can share content with each other from the web site.
ABLAH	(\$37.99) Category based with categories created by adding photos or images, can swipe through or display as timed slide slow. No message window for constructed sentences, very few pre-stored images. Uses recorded speech.
Alexicom AAC (built in scanning mode)	(Free 45 day trial) Now has built in scanning mode. Communication pages with text, images and AT & T Natural Voices can be downloaded directly from the Alexicom server or imported from your PC or Mac using iTunes. They offer over 300 pre-made pages and over 2000 images and include 9 pre-made page sets. The application is not device dependent and can be access from any computer, iOS device or other device with standard web browser.
Answers:YesNo	(\$.99) Comes with a 2 button page with yes and no, can customize for quick text choices, but can't save. HD (\$1.99) version can save up to 6 pages on them with different color backgrounds.
Aphasia	You scroll through basic comments for conversations, telephone, emergency, meals, restaurants, health and pain scale.
Assistive Chat	(\$24.99) Text to Speech with word prediction and the ability to save phrases you have typed as favorites, and a recents list. Can speak as each word is inserted or wait until and speak the whole message in the message window.
AutoVerbal Talking Soundboard Pro, AutoVerbal Girl Talk & AutoVerbal Guy Talk (\$4.99)	(\$9.99) Includes some basic pictures and words that speak as you touch them. Can also type in text and have it spoken. Can customize what some buttons say. Has a message window when typing in your own text.
Broca's Voice	(\$.99) Phonetic keyboard for typing phonetically and converting to synthesized speech. Has some single words and phrases. Words can be recorded and saved with text labels. Some sounds are missing.
Click n"Talk	(\$2.99) Import images to make albums or tiled photos where recordings and text can be added. Could use as a talking photo album to make your own stories, books etc.
Communication Apps	(\$.99) Focused on identifying the best apps on iTunes that assist and augment communication for children and adults. Saves you searching time.
Easy Speak	(\$1.99) Text to speech with word and phrase prediction alphabetically based. Word and phrase prediction cannot work

	at the same time. Can save words and phrases to be used later and can build a favorites page of 4 items.
Expressionist	(\$9.99) Contains over 100 commonly used expressions divided into 7 categories (a Youtube video at <a href="http://www.youtube.com/user/holpang#p/a/u/0/3TA8feG0xRA">http://www.youtube.com/user/holpang#p/a/u/0/3TA8feG0xRA</a> )
Expressive	(On sale at \$34.99) Transient screen app that allows you your own pictures from Smarty Ears.
EZSpeechPro (Male or Female voice versions)	(\$179.00) Text to speech with phrases lists that can be edited and added to. Phrases are provided for 13 topic areas. Phrases can be saved to their website for other users to access and download.
Flashables 50	(free) description says it makes use of PECS, contains English, Chinese and Japanese. Contains 50 words, mostly verbs, in black and white line drawings. List can be scrolled through or displayed as a single item displayed, no user customization.
Grace – Picture Exchange for Nonverbal People	It can be customized by adding your own photos. The users selects up to 8 cards in a sentence and rotates the device to present them to the listener who reads the cards.
Halo Talk	by AdstraSoft this forced choice/prompting app is designed as pairs of opposites, to use, to offer choices from a field of two photos or to prompt by using a field of two photos. This uses the cartoon drawing of a person as well as photos.
HearIt	(\$.99) Text can be typed in or pasted from another app, and then be spoken. There is a delay before it speaks.
iAssist Communicator	(\$29.99) Includes over 240 images and associated audio files, incorporates photos, larger images and function language for individuals who are more cognitively challenged. Preloaded templates that can be edited, can add your own photos.
iBlissymbols (a lite version is available)	(\$18.99) Includes over 4000 Slissymbols, can import your own images, background color can be customized and charts emailed for printing, no speech output.
I Can Speak	(\$29.99) A layout based around core vocabulary, a limited range of symbols and you cannot customize, for people with good literacy. Can type messages into a message window.
iCommunicate	(\$49.99) Pre-loaded pictures and storyboards/routines to facilitate language comprehension. You can record your own speech and customize the setups.
iConverse	(\$9.99) AAC tool to express 6 different icons representing basic needs: food drink, sick, bathroom, help and break
iInteract	(\$8.99) A portable basic communication board that provides visual pictures paired with audio feedback in a girls or boys voice. Touch the icon once and it talks, touch it again and it brings you back to the main screen. Good for those with limited dexterity.
iMean	(\$4.99) This application turns the device into a letterboard with large easy- to- read keys and word suggestions with word

	completion word prediction.
iPhonic	(\$99) Text to speech, once text has been entered it can be spoken and saved in a user list, can email as a sound file.
iPrompts	Visual prompting tool containing original artwork for schedules, a timer, a 2 choice prompts and a library of pictures
iSayIt	(\$99) Simple text to speech, phrases or words can be saved and spoken again.
iTalker	(\$9.99) Can create playlists of recording and step through them one at a time. Can import photos to be linked to each recording. Some images are displayed in German which may be confusing.
Locabulary Lite	(free) Audio output for expressing phrases (hello), moods (I am happy), assistance (Call the doctor) & restaurants. Comments on iTunes said there are problems with it crashing and causing problems with Prologuo2Go.
Look2Learn – AAC	(\$24.99) AAC system with photos and preloaded voices to express wants and needs.
My Choices Board	(\$9.99) Can create your own choice board using photographs. The user picks what they want and it is placed on the strip and can be spoken if a recording is added. When it is picked again, a large picture of the item is displayed.
MyPECS	(\$4.99) Comes with 119 images with 2 voices, can be customized with your photos and voices, designed to emulate PECS. Pictures are stored under categories. The number of items is finite and additions replace existing items.
My Talking Phone	(free) Simple text to speech.
MyTalkTools Mobile (lite version available)	(\$39.99) AAC software with photos and voice recording feature that can be used with a web authoring service, includes text to speech and 'in cell' video
MyVoice for iOS	(\$49.99) Designed to be easy to set up and use using digital pictures. Can record your own voice and use your own pictures.
NeoJulie, NeoKate, NeoPaul	(free) Simple text to speech, phrases or words can be saved in a library.
New Voice	(\$149.00) Text to speech which includes, yes/no page, phrases page that custom phrases can be added to, a pain indicator, 2 keyboard options (including a custom frequency of usage keyboard)
OneVoice (iPad only)	(\$199.00) Category based with some limited core vocabulary. Preprogrammed vocabulary represented with clip art symbols, can add your own pictures. Can program new categories and vocabulary. Easy to use. Message window to construct sentences using words and typing.
Phrase Board	(free) Simple text based focused for someone in the hospital, the main page has large yes/no buttons, a series of phrases around medical and physical needs, wants and pain, and a large button for "I'm feeling pain" which takes you to a diagram of a body.

PicBoard	(\$7.99) The child is helped by an adult to build a board of picture prompts for various topics. You add your own pictures. By purchasing TalkBoard (\$16.99) you can add your own speech to create communication boards.
Pic a Word	(free) Comes with 12 photoes which cannot be edited, when items are reduced user has no control over which items are removed for the 3, 6, 9 or 12 window.
PocketAAC	(\$99.99) Features more than 1800 symbols, texts and sounds. You can add your own symbols, texts and sounds.
Predictable	(\$159) Primary use for communication, contains some word prediction. Has scanning as an access method where anywhere on the screen can be touched to access. Can save often used phrases in a phrase bank.
Proloquo2Go	(\$189) Full AAC dynamic display solution with over 7000 symbols, natural sounding voices, automatic tensing and more.
SceneSpeak	(\$14.99) Designed to construction communications books and pages with visual scene displays. A range of premade displays are provided or you can add your own photo. User has to swipe to move between visual scenes in a book. No message window.
Small Talk Aphasia and several other topics	By Lingraphica, geared towards individuals with aphasia, has icons and text for simple communication messages (free)
Small Talk Dysphagia	By Lingraphica, present icons and text for basic communication, including adaptive equipment needed for eating.
SmartyEars	(Prices vary) Over 19 apps available, all created by speech/language pathologist, includes fluency, wh questions, articulation, turn taking and others skills. Expressive (\$34.99) is an AAC app.
Sono Flex – lite version available	(\$99) transient screen programmable app with color coded symbol stix containing core vocabulary on the pages.
Sounding Board – can use 1 or 2 switches for visual scanning, uses Blue2 Switch Interface	(\$49.99) by AbleNet, vocal output that includes most frequently used 100 to 120 words used in communication devices and grids to make overlays with various amounts of pictures. You can add your own photos.
Speak!	(\$.99) Simpel text to speech, recent speech is save in a history list, 50 famous quotes can be loaded into the history list.
Speak Aid	(\$.99) Aimed at people in medical care with a small number of symbols, cannot be customized.
Speaking Images	(\$.99) Uses clip art with vocabulary arranged in categories and then in list view. Cannot be customized, no message window.
Speak It	(\$1.99) Text to speech
Spubble Lite	(free) Custom icon set of 150 for category based communication. Icons are dragged up to the message window to become part of a sentence or can be tapped on to be spoken immediately.
Talk4Me	(\$.99) Vocabulary arranged in categories and then as small

	times with image only. Once an image is selected the user needs to navigate back out again. No message window.
Talk Assist	(free) Simple text to speech, allows you to pull up your history of recent phrases and sentences.
TalkforMe	(\$4.99) User needs to import their own images, vocabulary arranged in categories with image and text, no text windows. Items can be translated to various languages, synthesized speech.
Talk to Me – Text to Speech	(\$1.99) Simple text to speech, lets you save sentences and conversations as audio files to replay later.
Talking Text	(\$.99) Simple text to speech with a custom QWERTY keyboard, each key makes a noise as it is pressed.
TapSpeak Button (\$49.99 for iPad, \$14.99 for iPhone)	Allows you to record messages that the person plays back by touching red buttons on the display (like a Big Mack). They will be expanding their line to include sequential playback of messages.
TapSpeak Picture	Take pictures of common objects for visual indicator, message categories, sync from iPhone to iPod Touch to use Touch as primary playback device
TapSpeak Picture Choices	Adds to TapSpeak Picture the ability to configure and choose among two or more messages on a single screen. Has built in scanning and the iPad can be used as a switch.
TapSpeak Sequential (for iPad \$29.99)	Sequential recording and playback of songs, stories, nursery rhymes, and other messages. Includes starter set of songs with others sets available through iTunes
Tap to Talk	(Free) Communication program that allows you to program 6 choices in the display, with a category picture above it. The speech is better here than on the DS. Subscription needed to edit and add.
Tap to Talk for the DS	<a href="http://www.taptotalk.com/">http://www.taptotalk.com/</a>
Text Expander	(\$4.99) Typing and abbreviation expansion, can add and customize your own abbreviations, text can be saved and emailed or sent as a text, no speech.
Text to Speech Plus (TTS)	(\$.99) Simple text to speech, save sentences as audio files and replay them later or email them.
Text to Speech	(\$.99) Simple text to speech, can speak sentences or email as audio files. Can switch between US or UK English spelling.
Text2Speech	(\$.99) Simple text to speech, can also type in a URL and have the website read to you. Requires internet connection to speak.
TouchChat (lite version available for \$9.99)	(\$149) Transient screen software that comes with 5 vocabulary files (each file contains multiple linked pages) for various communication levels, contains pages based on core vocabulary. It is programmable and you can add your own pictures. All pages have a message window. Uses SymbolStix pictures. iShare (\$59.99 fee for 6 months) sharing site for boards and sharing customized page sets across multiple



	devices). iEssence (\$99.99), WordPower 24 (\$149.00) available as additional page sets for purchase. TouchChat Windows can be used to transfer pages to Saltillo's ChatPC devices. TouchChat Windows Editor allows you to create and edit pages and page sets on your computer.
Typ-O (HD version available)	(\$4.99) Text to speech with word prediction, text can be spoken or emailed. (HD version, multiple notes or chunks of text can be saved)
Verbally	(free) For literate AAC users, type in the phrases, contains core words and core phrases grids, various keyboard layouts, text prediction.
Verbal Victor	(\$6.99) Basic transient screen application with 4 items per page and you swipe to get from page to page. Comes with 2 pages and you can add your own photos to create more pages.
VocaBeans (lite version available)	(\$48.99) Pick the category and then the specific picture for communication. Available in English, French, German & Spanish.
Voice4u Voice4u JP (Japanese)	(\$29.95) AAC app that contains 130 icons. You can customize with your own icons.
Yes/No Bilingual	(\$1.99) 2 cells with yes no, can switch between English and Spanish

### **Communication – Expressive & Receptive**

All About Sounds – Initial Position Words	(\$.99) Practice saying 21 sounds in the initial position of words while playing a picture matching game.
Artic2Go PBM	(\$1.99) Electronic deck of picture cards for P, B, M in initial, medial and final positions.
Articulate It!	(\$49.99) Articulation application that works on sounds based on manner of articulation or phonological processes. Can compare child's production to recorded production, collects data on multiple students.
ArtikPix	(\$49.99, though recently on sale for \$30.00) A free lite version is available. Allows you use 14 cards in 40 decks of randomized flash cards for practicing specific sounds with data collection. Has audio and recording features.
DAF Assistant	Delayed auditory feedback and frequency shifting to help decrease stuttering
Disfluency Index Counter	(\$8.99) Perform a live count of the number of fluent or disfluent syllables.
First Words	(\$1.99) Vocabulary development in 8 activities: ABC's; Beach; animals; numbers; sports; fruits; colors and shapes. When items are touch the screen zooms in and reveals the word.
Geek SLP	(free) Apps and technology information from the blog to let you access post on your iPad. Discusses the use of technology for speech therapist, parents and special education teachers.
Going Places – Social Stories	Contains 6 video and audio social stories about going to

	different places
House of Learning	(\$6.99) includes blank scenes of different rooms in a house that the child drags items into the rooms, allowing you to incorporate a variety of language based goals. The information on iTunes includes ideas on using the app.
iPractice Verbs	(\$10.99) Over 120 verbs in present, present progressive and past tense that you can practice at the word, phrase and sentence level in the flashcard or find it mode.
iSpeak Spanish	Uses high quality text to speech to translate English to Spanish and Spanish to English
iSpeech	List of sounds for developmental ages 3 to 7+ with explanations for forming and teaching the sounds
iTranslate Plus	Translate words and whole sentences in 52 languages and use text to speech with 43 voices in 16 languages
Jolly Holiday	Learn prepositions while decorating the tree, then learn the signs to Rudolph the Red Nose Reindeer.
Kiddie Questions	(\$2.99) An animated version of 5 WH questions and answers. Can choose one type of question or a random option.
Kindergarten.com – 24 titles	(\$.99, though many are free) Most of the apps present 1 picture with the text paired with speech, but some also work on receptive language by identifying by name, what goes together, rhymes and function.
Larry the Talking Parrot	Larry repeats your words back.
Learn to Talk	Over 160 interactive flashcards to learn nouns, verbs, early syntax and word combinations.
Match2Say	(\$34.99) A matching game for children that have difficulty producing some sounds, the iPhone version contains 3 levels, the iPad version contains 5 levels. Each deck of cards represents a specific sound. Audio recording
Minimal Pairs	(\$29.99) Targets the 12 most common phonological processes with 2 different activities in an expressive and receptive mode. A demo version for cluster reduction is available.
Mobile Articulation Probes	Over 600 words organized by sound, to practice articulation in flashcards with user and data features
Name That Category	(\$5.99) 56 cards display images from a category, provides auditory feedback
Pictello	(\$14.99) Design your own talking story books, social stories etc. Has a wizard, can add in pictures, text to speech or your own voice.
PhonoPix	(\$24.99) Phonological app and companion to ArtikPix. It has flashcards and matching activities with minimal pairs to contrast children's incorrect responses with the target response.
Pictogram Dictionary	(\$3.99) A searchable, visual dictionary which contains over 1700 picto images in 15 languages. Each one represents a word or concept with a white symbol on a black background.
Pocket SLP	(\$29.99) A multi-sensory approach to articulation drills, with

	over 2,100 high quality flashcards targeting both the word and sentence levels with immediate auditory feedback for 29 phonemes, seven of which are devoted to /r/. Collects data.
Pogg	(\$99) various modes including picture modes where actions are represented and spell mode where students can type in words and Pogg will do the actions.
Preposition remix	(\$8.99) From Smarty Ears, it provides practice with 20 of the most common prepositions. Some features in the app can be adjusted. A therapist upgrade allows data collection.
Question Builder	(\$3.99) Designed to help elementary age children learn to answer abstract questions and create responses based on inference. Include audio clips to improve auditory processing for special needs children (prompts can be turned off).
/r/ intensive SLP	(\$19.99) with over 450 target words and uses a phonetic approach to teaching the /r/ sound.
Say it Again!	(\$2.99) Bingo game for articulation practice. Words are presented with an optional and included prerecorded voice before articulation practice. The /l/ word list is included, and you choose from 14 additional word lists that you can use in every word-oriented game produced by Talking Tails.
See.Touch.Learn	(price reduced in April) A picture learning system designed to allow you to build custom picture card lessons and automatically track child's responses. Includes a starter set with 60 exercise created by a BCBA. Additional libraries of images and lessons are available for purchase. Instructional videos at <a href="http://brainparade.com/products/support/instructional-videos/">http://brainparade.com/products/support/instructional-videos/</a> .
SLP Field Kit	(\$29.00) tools for testing and building phonemic awareness and auditory discrimination. It incorporates 8 interactive activities with cards presented in combinations, with 361 audio words cards, over 3000 exercises and 198 lessons. Records scores from multiple clients.
SLP Goal Bank	(\$9.99) Designed to serve as a starting point for SLP's for creating goals for children and adults
SLP Updates	(\$99) An information resource for speech language pathologist with dynamically updated information from various sources. Need an internet connection for links pages to work.
Small Talk Oral Motor Exercises	By Lingraphica, presents videos and pictures for oral motor exercises
SmartyEars	(Prices vary) Over 19 apps available, all created by speech/language pathologist, includes fluency, wh questions, articulation, turn taking and others skills. Expressive (\$34.99) is an AAC app.
Smarty Speech	(\$19.99) By Smarty Ears, Articulation practices can pick phonemes, mode of articulation or phonological processes.
Social Skills	(\$6.99) Uses concepts of video modeling for 6 social narratives that are comprehensive. You cannot create your own stories.

SpeakinMotion Trial	(free) A mobile VAST app has close-up videos of mouth movements, with visual, auditory and in some cases written cues.
Speech Squares	(\$2.99) By Talking Tails, a strategy game for articulation. Other titles including Speech Hangman (\$2.99), Talking Puzzles (\$2.99), Tic-Tac-Talk (\$2.99)
Speech Coach 3D	(\$4.99 introductory price) By Smarty Ears, a 3D demonstration of all sounds in the English language.
Speech and Language Pathology	(\$2.99) Flash card app to learn about speech and language pathology
Speech Pathology	(\$1.99) A glossary containing terminology and definitions for speech terminology and problems.
Speech with Milo	(\$1.99 and 2.99) Prepositions and verbs taught using animation figures.
Speech Tutor	(\$9.99) Offers a side and front view of each sound production, which can be viewed at 3 different speeds, with the movies paused at any point.
Splingo's Language Universe	(\$2.99) includes various levels starting at single word recognition to instructions of 4 main words. Works on nouns, verbs, prepositions and adjectives in a game format.
Step Stones	By AdastraSoft, visual schedules for 9 sequential activities that can be checked for completion and more activities can be added.
Stories2Learn	(\$13.99) Allows you to create your own stories, made by same developer as Social Skills.
StoryKit	Allows you to easily create your own books, schedules, sequences or social stories by importing pictures and adding speech
Sunny Articulation Text	(\$49.99) Can be used to identify articulation errors patterns in children and adults. It is an individually administered clinical tool for screening, identification, diagnosis and follow-up evaluation tool.
Super Duper Age Calculator	(free) Choose the birth and test date to calculate chronological age.
Talking Carl	An animated figure repeats whatever it hears using a modified voice and some other sound effect.
Talking Harry the Hedgehog	(free) Harry repeats whatever you say.
Talking Tom Cat	(free) Similar to Talking Carl, an animated cat repeats what you say. The voice is not as modified as Talking Tom.
Understanding Inferences	(\$5.99) From SuperDuper, includes 52 cards with audio and visuals, can track students correct and incorrect responses.
VAST Autism 1 – Core	(\$4.99) Video modeling with written words and auditory cues to help people acquire relevant words, phrases and sentences. The progression is from syllable repetition, single syllabic words, multi-syllabic words, phrases and sentences.
Visules	Uses drawings and photos to communicate schedules and

	actions
Vocabulary Central	(free) 7Language Arts related and 3 science related vocabulary apps for grades 6 through 12, includes various categories and provides auditory feedback on the definition and the word in a sentence.
What's that Sound?	(free) Learning to listen and identify sounds by touching after hearing the cue.
Word a Day	(\$1.99) New vocabulary words are downloaded each day, with a audio component and a cartoon visual. 3 versions.

### **Data Collection**

ABC Logbook	(\$27.99) Permits simultaneous observation of large numbers of behaviors for many individuals with data analyses and reliability calculation.
Behavior Assessment Pro	(\$24.99) Designed by a BCBA with 3 part questionnaire that multiple informants can enter information. The assessment takes about 10 to 30 minutes to complete and the information obtained can be used to guide direct observation, systematic manipulations, behavior support plan development or for IEP development.
Behavior Journal	(\$9.99) Easily record all behavioral data and sync to the internet portal. Target behaviors can be customized. Has analysis and graphing capabilities.
Behavior Tracker Pro	(\$29.99) Allows you to record the components of ABC data collection and then analyze the data.
Percentally	(\$2.99) A tally counter that automatically converts tallies to percentages. Can add and edit folder and tally titles, can create spreadsheets with Google Docs.
Skill Tracker Pro (by the same group that created Behavior Tracker Pro)	(\$29.99) Automates ABA therapy, allows unlimited clients, observers, video capture and charting/exporting data. Include cold probe for skills and mands, rate of manding and trial by trial data collection.

### **Early Academics**

ABC & Me	Works on learning ABC's and basic words through various games.
ABC Expedition	(\$.99 for mini iTouch version and \$2.99 for iPad version) Letter-sound matching with a zoo theme, works on phonics and alphabet matching.
Alphabytes – iPad only, lite version available	(\$1.99) entertaining ways to learn about the alphabet, handwriting for the letters, spelling words and a memory game.
Baa Baa Black Sheep	(\$1.99) by Duck Duck Moose. An educational puzzle app with 2 popular nursery rhymes. You explore the island of Baa Baa where you can row your boat and explore 3 underwater worlds while looking for matching puzzle pieces.

Dad's Gift	Colors, shapes, numbers and early math
Dog Party	Created by PBS Kids, based on the series Martha Speaks with several games and a pop quiz.
First Words Animals	(\$1.99) Includes 39 animals with sounds that children can practice spelling and identifying the letters with different difficulty levels.
Fish School	(Made by Duck, Duck, Moose), Cute and interactive program for letters, numbers, matching and other areas.
Interactive Alphabet	(\$2.99) Matches letter sounds with a highly interactive activity.
In the Zoo	Alphabet learning using sing a long, Karaoke and flashcards.
PreK Safari	Letters, numbers, colors and shapes with flash cards or touching the items when asked
Preschool Adventure	Includes 8 simple activities parents can do with their young toddlers and preschoolers
Preschool Pattern Recognition Game	(\$.99) A patterning game, received the #3 spot for Top iPhone Apps for Kids for Math on Babble.com
Shape-O ABC's	(\$1.99) over 100 interactive puzzles that work on shapes, sounds and colors.
WordWorld	(\$.99) Various titles based on the PBS series, works on improving early literacy including print awareness, letter knowledge and comprehension.

### **Fidget Apps**

Ambiance	(\$2.99) An environment enhancer to help create an ambient atmospheres to focus, relax or reminisce. You choose from over 1,000 free sounds to download and list to, create customized sound mixes, cycle through playlists, wake up to relaxing sounds and more.
Cookie Doodle	(\$.99) You can make virtual cookies with 17 different cookie dough choices, 25 different flavored icings, many different cookie cutters and multiple toppings to create your own cookies that you can take pictures of to email to others.
Garf	(\$0.99) This game exercises your memory by having to press the buttons in the same sequence as you are shown.
Timber	(\$1.99) Virtual log building, create and build in 3D using timer logs.

### **Functional Life Skills, Social Stories, Feelings**

All About Me	(\$.99) Offers picture and text support for people learning their personal information with 12 icons that can be individualized by users with photos and their information.
The Angry Octopus book	A book about how to handle anger and shows children how to calm down. Beautiful illustrations and adorable characters.
Autism Xpress	(free) It is designed to encourage people with autism to recognize and express their emotions by touch expressive