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WAY COOL “APP”TIVITIES IN EDUCATION



Maureen Melonis, M.N.S., CCC-SLP | Assistive Technology Partners
Assistive Technology Partners, 303-315-1283
maureen.melonis@ucdenver.edu

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Way-Cool “App”tivities for Educational Settings

Compiled by Maureen Melonis, M.N.S., CCC-SLP, Senior Research Instructor, Director,
Assistive Technology Partners, University of Colorado Denver
303-315-1280

Maureen.melonis@ucdenver.edu
www.assistivetechpartners.org

General Introductory Information

Resources for this handout were collected from numerous recommendations from colleagues, students, SWAAAC team members, and personal research. Whenever possible the description from the iTunes store was included. Apps are generally categorized by the most appropriate association. It should be noted that many apps could fall into more than one category. Within categories, they are alphabetized. An asterisk (*) indicates my favorites.

The Disclaimer:

- Although iPads/Pods, etc are wonderful tools, clinical judgment still needs to be applied prior to making a recommendation of a device or app
- How the device and/or app are set up (particularly for augmentative communication) is a key to success of any device
- How the technology is introduced and implemented are also key considerations.
- There are new apps every day and it isn't easy staying up-to-date
- You need to trial these apps just as you would any other device before purchasing for a student or child
- iPads and iPods aren't for everyone
- Most apps do not scan and are only accessed through direct selection, the ones that scan require other equipment to make this happen (i.e. blue tooth switches, etc...)
- You get what you pay for most of the time; “Free” or “Lite” versions of Apps often include advertisements and the content of the ads and the frequency of when they pop up cannot be controlled. The advantage of paying for an App is additional features and/or elimination of ads.
- There is very little research to support evidence based practice
- iPads and iPods are not dedicated devices

Why an iPad? The advantages...

- Less space and weight
- Power – don't have to be near an outlet
- Waiting – there is no waiting for programs to start.
- Built in accessibility features
- Built in resources such as camera, dictionary, etc.
- Socially accepted

Resources on Finding & Evaluating Apps

Do the features meet the needs of the student, in the environment, for the tasks which the student is expected to perform?

How I selected apps to include:

- iTunes store – description and reviews (#), cost, comments, customers also bought
- Blogs, Wikis, Listservs
- Google Search – Tips and Tricks (use the More feature to filter to just apps)
- You tube
- Best app for...

There are a few other sites you may be interested in:

Apple's Education site: This is Apples website summarizing some of their favorite apps for education. They have organized them by categories such as English/language arts, math, science, history and geography, language development, art/music/creativity, reference, productivity and collaboration and even accessibility. Note there are descriptions of each app but also several links to encourage you to download iTunes. ☺

<http://www.apple.com/education/apps/>

Apps for Children with Special needs: This web site offers a searchable source for special education apps. They demonstrate app use through videotapes of the app being used. They typically show you the different options for the app as well as a demonstration of the app. The web site also includes personal stories and photos from families of how they use the iPad with their children with special needs. Their web site indicates that their aim is to produce videos with an independent perspective to demonstrate products designed to educate children really work from a user perspective to help users determine if the product is the right fit. www.a4cwsn.com

Eric Sailor's Special Education App List (Apps for Special Education) – This web site handout was created by Eric Sailers, a Speech Pathologist in San Diego. It is organized by categories and updated regularly with new apps.

<http://ericsailers.com/iresources.html> You can also access the document on Eric's blog ericsailers.com/blog.html. Click on the resources tab for links to numerous resources.

Google Apps - Google offers a number of free apps designed to enhance organization and collaboration utilizing Web 2.0. Examples include to do lists, reminders, document sharing and management, etc. You can create a Google account and then access it from your iPhone, iPod, etc., as long as you have an internet connection. www.google.com

Common Sense Education - This web site includes education apps reviews (as well as reviews of web sites and other tools) Reviews are completed by a community of educators, administrators and app developers. They evaluate apps for the overall educational value and rate them on scale of 1-5.

<https://www.common sense.org/education/reviews/all?page=1&sort=changed&platforms=26&grades=21964>

Moms with Apps is a group of app developers (originally all moms). They share apps that they or their partners have developed that they consider family friendly. They indicate that their goal is to help families and educators locate apps that target children's needs. They organize apps by category/subject areas and age groups, learning focus, developer, Apple's Picks, etc. They also have a Facebook page which allows you to follow updates they make.

<http://momswithapps.com/>

One Place for Special Needs – This web site contains numerous resources for all things disability. The gold mine of this site is the list of apps sorted by function. i.e. apps for sequencing, speech skills, physics, etc.

http://www.oneplaceforspecialneeds.com/main/library_special_needs_apps.html

OTs with Apps – This web site has wonderful app resources as well as information on access, cases, switches, and more. <https://otswithapps.com/>

Spectronics: This is a great site that gives a short description of most speech apps, as well as other categories. It also includes price and rates from 1 star – 3 stars. This link also provides pricing, descriptions, videos of most of the AAC apps. It offers a paid subscription to access videos on implementation ideas and other resources.

<http://www.spectronicsinoz.com/article/iphoneipad-apps-for-aac>

General information

iPad resources for Education from Apple (Free) Apple Teacher Learning Center — an interactive experience designed exclusively for teachers with curated resources, learning collections, product tips, lesson ideas, and inspiration from other educators.

<http://images.apple.com/education/apple-teacher/>

Art

Bubble Harp (\$1.99) In this app, the user draws bubbles with their fingertips, recording and replaying movements while creating music. It's a combination of drawing, animation, music, art, geometry, and gaming. You can record long movements of a single point, or stream many points out of your fingertips like ink. When you tap the screen's edges, you can change from single points to streams of points, change graphic and sonic parameters, and post to Facebook. Multiple fingers and multiple people can touch the screen at once to create together.

<http://itunes.apple.com/us/app/bubble-harp/id372531368?mt=8>

Doodle Buddy (Free) is a fun free drawing app that encourages you to draw with your fingers. It includes tons of color choices as well as stamps (with sound effects), text, games (hangman, tic tac toe, etc), drawing tools (chalk, paint, glitter, etc), and more. You can save your picture or export to email. You can draw on one of the backgrounds provided or import a picture from your camera role and draw on that. Includes advertisements in free version.

<http://itunes.apple.com/us/app/doodle-buddy-paint-draw-scribble/id313232441?mt=8>

Draw Something (Free) This popular drawing app has a social component. Users are prompted to draw a picture of a written word. They then send the picture to a friend who must guess what the drawing is.

<https://itunes.apple.com/us/app/draw-something-free/id488628250?mt=8>

Drawing Pad \$1.99 – This app has won awards as an Apple favorite. It is advertised as a drawing app for all ages. It includes various backgrounds, stickers and more. You can purchase coloring books in the app store.

<http://itunes.apple.com/us/app/drawing-pad/id358207332?mt=8>

Etch-a-Sketch IT: (Free) This is just like the Etch a Sketch you remember but it can be played on your iPad. This version allows you to upload photos and see it drawn on the Etch a Sketch. You can "shake to erase", and save up to 3 of your drawings.

<https://itunes.apple.com/us/app/etch-a-sketch-it/id1246398020?mt=8>

Let's Create! Pottery HD (Free) This app lets the user create their own pottery. You can copy the model provided or create your own. Share finished pottery with others. The app lets you form the clay on the wheel, glaze and fire, paint and "sell" your work. Money earned from your sales lets you buy more paint colors, styles, etc.

<https://itunes.apple.com/us/app/lets-create!-pottery-hd-lite/id397756644?mt=8>

Tesla Toy (\$1.99) – This app allows you to use your fingers to touch the screen and generate a powerful electrical field that makes the thousands of particles react. You can experiment with different numbers of fingers in different locations to create amazing effects. Activate different modes by using more than one finger at a time.

<http://itunes.apple.com/us/app/tesla-toy/id395767185?mt=8>

Uzu (\$1.99) This interactive app offers visual interaction with light and animation. It allows for multiple touchpoints.

<http://itunes.apple.com/us/app/uzu/id376551723?mt=8>

Cause & Effect

***Note – there are numerous cause and effect apps throughout this packet. Check out the early intervention section, music, art, sensory, etc.**

Bumper Cars (\$2.99) A simple touch or switch game to encourage targeting or the development of two switch skills. Touch either of the bumper cars or press one of your switches to try to knock the other car off the screen. Clear bright graphics on a dark screen with great sound effects make this game ideal for users with visual or perceptual difficulties.

<https://itunes.apple.com/gb/app/bumper-cars/id557891986>

Modus (Free) This app offers a simple cause and effect interaction featuring mathematically-patterned rainbow lights and soft bells. Designed by an individual with autism to help him mitigate sensory overload.

<https://itunes.apple.com/us/app/miracle-modus/id555904748?mt=8>

RadSounds (\$2.99) - This app is a cause/effect and music program. It is designed for switch users. They can customize a music playlist and record or sing new music. There is Momentary mode, where the music plays for only the time you hold your finger on the iPad, Timed mode, where the music plays for a specified number of seconds upon each activation, or an advanced mode where the user chooses songs by cycling through their playlist. RadSounds is *switch-friendly*, that is, for those with physical challenges, a switch (or button) can be plugged into RJ Cooper's iPad Switch Interface for cordless access to switch-friendly apps.

<http://itunes.apple.com/au/app/radsounds/id420977569?mt=8>

Communication

Speech Production/Articulation

Articulate It! Pro \$42.99 This app was created by a speech-language pathologist. It includes photo based flashcards with all the English phonemes and over 1,200 photo cards. There is an option to collect data in written notes, graphs and recordings of the client's speech. This app offers the potential for individual or group work. The clinician can choose sounds to work on based on phonological processes or manner of articulation.

<http://itunes.apple.com/us/app/articulate-it!/id391296844?mt=8>

ArtikPix Lite version is free, full version is \$29.99 and includes 21 decks of flashcards with 40 cards each (113 cards in r deck, 913 total cards). It includes the following sounds: th, f, v, ch, sh, k, g, s, z, l, r, s-blends, r-blends, l-blends, p, b, m, n, t, d, j. for th, ch, sh, f, g, v, and k. Or, you can also purchase just the cards you want which vary in price from \$1.99 to \$11.99. This app provides flashcards and matching activities for articulation therapy. The advantages of this app are its data collection features which allow group scoring with up to four children at one time. It can be used individually or in therapy. The graphics are easy to see and brightly colored. The free version comes with a few "th" cards but to get more you must purchase sounds. It allows you to record the child's speech, rate it as smily face or frowny face and save that data for later. You can practice the sound in initial, medial, and ending positions in words. There are also matching activities with the cards. <http://itunes.apple.com/us/app/artikpix/id383022107?mt=8>

Phonopix \$29.99– Created by the developed of articpix, this app focuses phonological processes. Just like artikpix, it contains decks of cards with targeted sounds. This app has 10 decks with 40 minimal pairs in each (400 total pairs) for the following phonological processes: prevocalic voicing, word final devoicing, final consonant deletion, fronting (palatal and velar), marked blend reduction, unmarked blend reduction, gliding ("l" and "r" sounds), stopping, backing (palatal and velar), and initial consonant deletion.

<http://itunes.apple.com/us/app/phonopix-full/id418845571?mt=8>

Small Talk Phonemes (Free) This app includes numerous videos illustrating the correct position of mouth structures for production of a sound. The videos are accompanied by exercises for practice. This app is made by Lingragraphics who also make numerous other speech apps such as Small Talk Aphasia, Oral Motor Exercises, Conversational Phrases, Daily Activities, Intensive Care, Pain Scale, and more.

<http://itunes.apple.com/us/app/smalltalk-phonemes/id384170714?mt=8>

Songify (\$2.99) This app converts spoken language into a song. Several SLP's are using it with clients to encourage speech production.

<http://itunes.apple.com/us/app/songify/id438735719?mt=8>

SpeakAP (Free) This app allows you to listen to correct pronunciation, record your speech and playback the recording to practice. It includes over 400 English words with a visual depiction of the phonetic transcription marked on the waveform for easy learning. This app analyzes pronunciation and allows you to practice as well. Note: You need to be connected wirelessly as it uses "the cloud", the same way Dragon does!

<http://itunes.apple.com/us/app/speakap-analyze-pronunciation/id474079009?mt=8>

Talking Tom Cat (Free) This darling cat is a favorite among kids of all ages. He literally repeats everything you say. This app also allows you to record the session to playback later. It is useful for teaching turn-taking, articulation, voicing, etc. You can also pet him, poke him or even pull his tail for extra fun! When he is recording, he holds his hand up to his ear to listen. Also, can get similar apps called Talking News, Talking Roby, Talking Carl, Harry the HedgeHog, etc. Patrick Black on QIAT made a BM board that has all the choices they can say:

<http://teachingall.blogspot.com/2010/12/phineas-ferb.html>

<http://itunes.apple.com/us/app/talking-tom-cat/id377194688?mt=8>

Language

Action Movie FX – (Free) This creative and free app is truly fun. Video tape any activity using this app add movie special effects such as missiles attaching, rocks exploding and cars crashing. Kids (and adults) love to see their videos explode.

<http://itunes.apple.com/us/app/action-movie-fx/id489321253?mt=8>

Action Words (.99) This app helps teach action words using photographs where the actions are clearly acted out. You can also customize the app with your own pictures and voice. The app comes with over 100 action words grouped by level of difficulty with over 500 photos.

<https://itunes.apple.com/us/app/action-words/id511783094?mt=8>

ABC PocketPhonics (Free lite version or \$2.99): This darling app helps children work on identifying letter sounds & writing. Activities motivate through positive first letters and words. The lite version offers fewer features but gives a good indication before you buy. This app adheres to the "synthetic phonics" teaching method - the keystone of the "Reading First" part of the "No Child Left Behind Act". It offers a follow my lead method of writing and says the letter sound.

<http://itunes.apple.com/us/app/abc-pocketphonics-lite-letter/id302689971?mt=8>

Clean Up:Category Sorting (\$1.99) This simple app offers a tool for teach categorization. The app asks “Where does this go” as it presents photos of real objects and a potential place to put them.

<http://itunes.apple.com/us/app/clean-up-category-sorting/id404057271?mt=8>

Comic Life 3 (\$4.99) This app allows you to add text boxes to your photos to create your own cartoons. It includes 10 Templates with hundreds of panel layout options and is fully customizable.

<https://itunes.apple.com/us/app/comic-life-3/id891378056?mt=8>

First Phrases Lite (.99) This app was designed by a speech pathologist and is intended to teach simple phrase construction at the 2-3-word level. The user presses words in order to create a short phrase. If correct, the phrase is illustrated (cartoon cat) and “read” to the user. The child can also record their own voice repeating the short phrase. You can increase the difficulty of the task with more complex noun verb combinations. The full version includes additional verb and character choices.

<https://itunes.apple.com/us/app/first-phrases-hd-lite/id460291615?mt=8>

Fotobabble (Free) This app lets you add audio to your photos and share them via Facebook, Twitter or email. Useful for documenting fieldtrips but also could be used to provide instructions for activities.

<https://itunes.apple.com/us/app/fotobabble/id353078443?mt=8>

Fun with Directions (Lite version is \$.99, full version is \$9.99) This fun app was created by an SLP to work on practice listening, following directions, working memory and the auditory processing of language in a fun interactive app. The app offers simple to complex directions with rewards. The Lite version contains two concepts: “give” and “touch.” The app offers three levels of play. Pictures and animation target younger children.

<http://itunes.apple.com/us/app/fun-with-directions-hd-lite/id478249055?mt=8>

Grammar Dragon (.99) This game based app allows the user to work on grammar skills within a game setting. The object of the game is to rescue all your friends from levels in the castle by identifying different parts of speech. Works on skills through sixth grade. This group develops games based on the Virginia State Standards for reading and writing and they are all FREE! (Paid for by a grant in Virginia) Other similar games by them include: Same Sound Spellbound (homophones), Opposite Ocean (antonyms), Grammar Dragon (parts of speech), Portion Platter (fractions and decimals), Factor Race (binomial and trinomial equations), Spelling Cat (spelling), Same Meaning Magic (synonyms), and Aesop's Quest (reading comprehension).

<http://itunes.apple.com/us/app/grammar-dragon/id397730260?mt=8>

Idioms (Lite is free, paid is \$2.99) – This app offers a chance to learn about English language idioms and practice common questions in a timed or untimed quiz. Users can practice by category such as Top 100 Idioms, Animals, Business, Clothes and Color, Food, Legal, and Negotiations.

<http://itunes.apple.com/us/app/idioms-lite/id339391993?mt=8>

House of Learning (\$6.99) This app was designed by a speech pathologist to teach vocabulary such as prepositions. It is an interactive app include a doll house with characters and items to add. Useful in teaching storytelling, following directions, and more.

<http://itunes.apple.com/us/app/house-of-learning/id452080937?mt=8>

Kids Learning to Read - Little Reader 3 Letter Words, \$.99 This app offers a fun and easy customization within an interactive game to help users learn how to recognize and read words all with just the touch of their finger. You can add your own voice to customize it even further. The app includes over 150 three-letter words, audio hints where the word is read aloud on touch on or off, and more.

<http://itunes.apple.com/us/app/kids-learning-to-read-little/id430616830?mt=8>

Expressive Builder (\$9.99) designed to help children accomplish the following educational goals: 1) Improve sentence ideation ; 2) Improve sentence formation; and 3) Improve receptive and expressive language. Extensive use of audio clips promotes improved auditory processing for special needs children with autism spectrum disorders or sensory processing disorders. Auditory playback of child's voice offers reinforcement for language development.

<https://itunes.apple.com/us/app/languagebuilder-for-ipad/id405801365?mt=8>

Lets Name Things (Free) This app includes 52 cards to help students practice vocabulary, categorizing, and thinking skills. The prompts include statements like, "Let's name... things that live in the ocean." and "Let's name... things you'd take on a trip." The app collects data on students that can then be emailed out.

<http://itunes.apple.com/us/app/lets-name-things-fun-deck/id454450994?mt=8>

My Playhome: Free for lite version with just two rooms and \$3.99 for the full house. This app features a great doll house that allows the user to interact with the dolls. Almost everything on the screen is interactive (make meals, eat, brush teeth, etc). Turn on the lights and the shower, fry an egg, and more. No ads, no in app purchases. <http://itunes.apple.com/us/app/my-playhome/id439628153?mt=8>

Phonics Genius (.99) – This app features over 6,000 words grouped by phonics sounds. You can also add your own cards and record the word production. The words do not have pictures with them, words only.

<http://itunes.apple.com/us/app/phonics-genius/id461659980?mt=8>

Preposition Remix (\$9.99) This app was designed by a Speech Pathologist to help children learn prepositions while playing and having fun. Prepositions Remix provides practice with 20 of English most commons propositions.

<http://itunes.apple.com/us/app/preposition-remix/id418788789?mt=8>

QuestionIt (Free) This educational app for children with autism or other significant language disorders that provides systematic instruction over multiple opportunities to teach children what kind of word answers which type of Wh question. Activities include sorting words by type of question they answer, answering questions about sentences, and answering questions about paragraphs. The app uses faded color cues and errorless learning techniques. The data manager

scores number correct out of opportunities for each type of question in each level of each task. Data reports can be emailed from the app. The student is intermittently reinforced with a fireworks display for correct answers.

<https://itunes.apple.com/us/app/questionit/id458737797?mt=8>

SonicPics (\$1.99) This app allows you to add voice narration to your pictures when creating a slideshow/movie. This can then easily be shared with others via YouTube, email, etc. You can record up to 60 minutes per session. (Similar to fotobabble)

<https://itunes.apple.com/us/app/sonicpics/id345295488?mt=8>

Speech with Milo: Verbs (\$2.99) This app was designed by a Speech-Language Pathologist, to teach verbs. In this app, a mouse named Milo performs over 100 actions.

<http://itunes.apple.com/us/app/speech-with-milo-verbs/id405441288?mt=8>

Splingo (\$2.99) This app was designed by Speech and Language Pathologists as an interactive game to help children learn listening and language skills. The alien instructor guides language learning. Users enjoy completing tasks to help Splingo the alien build a spaceship and travel home. Concepts taught range from early language development, e.g. single word recognition, to more complex, e.g. instructions combining several aspects of language at once.

<http://itunes.apple.com/us/app/splingos-language-universe/id457526530?mt=8>

Starfall ABCs, Free This popular web site exported its ABC section as a universal app. Users see, hear, and interact with letters and sounds in words, sentences, and games. They learn to recognize letters

<http://itunes.apple.com/us/app/starfall-abc/id395623983?mt=8>

Story Builder \$7.99 This app is designed to help improve story writing skills such as paragraph formation; integration of ideas; and 3 higher level abstractions by inference. Numerous audio clips target auditory processing Users can record their story in their own voice, save stories to listen to later, and send to teachers and friends via email. It includes 50 distinct story lines to create narrative from and 500 audio clips of questions to guide that narrative. It also includes a question and answer option. **Note** this developer also has created Language Builder - \$7.99, Sentence Builder - \$5.99, Question Builder - \$5.99, Preposition Builder - \$9.99 and Conversation Builder - \$9.99

<http://itunes.apple.com/us/app/story-builder/id377631532?mt=8>

Storykit (Free) – This app for the iPhone and iPod Touch allows you to create your own story using your own pictures. You can add audio and written text to every page of your story.

<http://itunes.apple.com/us/app/storykit/id329374595?mt=8>

Tapikeo (\$1.99) - With this app you can create your own album and books. It includes both text and audio options. The best part is that you can lock the content so that it cannot be edited or deleted accidentally. It also includes easy navigation buttons in the albums.

<http://itunes.apple.com/us/app/tapikeo-create-your-kids-their/id447627326?mt=8>

Things That Go Together (.99) This app provides color photos of real objects and an opportunity to match items that go together. You simply drag each item to its match. Users can adjust the number of pairs per screen from 1-8. The app includes over 150 matching pairs that

go together, the ability to record your own voice for picture labels and audio hints as well as the ability to add your own pictures.

<https://itunes.apple.com/us/app/things-that-go-together/id490647359?mt=8>

Viddy Movie FX Maker Special Video Effects Editor (Free) This app offers a simple tool to capture and edit videos using your iPhone or iPad. Includes the ability to adjust many features as you capture the video (focus / exposure / white balance settings, audio metering, etc.) and to create special effects when you edit (visual effects, music, transitions, and even movie stars to your videos). Share quickly via Facebook, twitter, YouTube, etc. This app is a fun therapy tool for speech language pathologists.

<https://itunes.apple.com/us/app/viddy-movie-fx-maker-special-video-effects-editor/id1093102264?mt=8>

Where's my water (Free) This fun app teaches problem solving skills. It features Swampy the Alligator who lives in the sewers under the city. He likes to take a shower after a hard day at work but the other alligators have damaged his plumbing and disrupted the water flow. Help Swampy by guiding water to his shower!

<http://itunes.apple.com/us/app/wheres-my-water-free/id467810884?mt=8>

Word SLapPs (\$4.99) Word SLapPs Lite is used to teach vocabulary words specific to your child's world with images that you choose. Use your own images and organize them into customizable categories and pair them with your own recorded questions. Easy to use, Word SLapPs is designed by an SLP and modeled after Discrete Trial teaching. Children touch target images and are rewarded with sounds and/or visuals. Target vocabulary words alone or with up to five other images to increase difficulty. Word SLapPs comes pre-loaded with two categories, colors and animals to start with, and many others for you to create yourself!

<http://itunes.apple.com/us/app/word-slapps-vocabulary/id413888079?mt=8>

AAC

Note: there are several helpful resources on evaluating AAC apps. Be sure to follow best practice with a complete assessment to determine the needs of the individual first. It is important to match the app to the individual, not the other way around.

The AAC-RERC is an excellent resource: <http://aac-rerc.psu.edu/index.php/pages/show/id/46>

Alexicom AAC (Free app with option for subscription, \$40 a month with no contract or \$408 per year) This app is designed to accompany a subscription that allows you to make your own communication pages. The app is designed so that you can publish your Alexicom augmentative communication pages to your iPad, iPod, or iPhone. Information is available in the cloud and can also be used on devices. Alexicom Tech has over 7000 images, including symbols for abstract words. There are tons of free features included in the apple and android apps. If you want to subscribe you can get even more pre-made page sets and editing tools. They offer over 1,200 pre-made pages and over 7,000 images with text-to-speech output in 20 voices and five languages. Once the pages are on your device, a data connection is no longer required. (Full access to the Alexicom server requires an active Alexicom account, however this

app includes 32 demo pages, which are accessible immediately.) The creation and editing process are internet-based, so you can edit the user's pages without ever taking their device.

Note: Currently anyone who does AAC evals, has an AAC library or does demonstrations can get full free access to Alexicom to show potential users

<https://itunes.apple.com/us/app/alexicom-aac/id395122088?mt=8>

Yes/No (Free or upgrade for \$1.99) – This app appears simple on the surface with just a yes/no option but it offers the ability to customize the two buttons with pictures and audio for a fully functioning binary ACC communication device at no cost. The upgrade allows you to save up to 24 custom buttons, 12 with pictures and text, and 12 with text in addition to the Yes-No buttons which are always available.

<https://itunes.apple.com/us/app/yes-no-from-i-can-do-apps/id635649909?mt=8>

AutoVerbal Pro: \$19.99. This app uses multiple sliding ribbon/bars for the user to choose and build phrases. The latest version includes the use of custom photos. It includes male & female voices. The app comes with numerous built-in phrases organized by category. You can customize the first row of buttons to speak custom messages such as your name, address, family. Etc. You can utilize premium voices when the Internet is available, otherwise, standard built-in voices. <http://itunes.apple.com/us/app/autoverbal-pro-talking-soundboard/id368727888?mt=8>

Click n Talk (\$2.99) This app is designed as an AAC app to allow users to attach text and voice to individual pictures, and organize photos in photo albums. This app came highly recommended by an AT specialist in Colorado who said, "I like it because you can lock out editing features. You can import pictures or take pictures within the app. The navigation is simple point to left n right arrows within an album and sliding up and down to select the album. The only thing I have found that's a negative is the first picture you put in is the album cover and you can't reorder the pictures once in the album so plan them well. I use it all the time to provide directions to craft activities, tell stories about classroom activities and families use it to share weekend news."

<http://itunes.apple.com/us/app/click-n-talk/id416650367?mt=8>

Expressive; \$29.99 This AAC app is designed to be user friendly for the AAC user as well as parents and service providers. Includes images with audio files and the ability to create your own folders and add and arrange images in folders. You can record audio for images and hide buttons. Currently 600 vocabulary pictures are included.

<http://itunes.apple.com/us/app/expressive/id398345416?mt=8>

Grace: \$29.99. In this app, users can select pictures to communicate. The goal of the Grace App is to encourage independent social interaction with the user taking control of what they want to say. Users can use each picture isolated or combine a set of pictures to make phrases. Grace App comes with a basic vocabulary of pictures, but it can be fully customized using the device camera, stored photographs or images saved from the internet and added to your device album. The app works in real time. The user can select their cards, and then rotate the iPad to present them in a sentence.

<http://itunes.apple.com/us/app/grace-picture-exchange-for/id360574688?mt=8>

iComm (Free, with upgrade to add audio for \$7.99 - \$29.99) Use this app to create a simple picture based communication system using photos and words, both written and spoken. Take a photo with the iPad, import it into a screen of 2 literally within seconds and add a voice recorded over it (in the upgrade version only). It comes with a little content included for everyday communication such as yes, no, more and finished. It includes 20 categories in full version (in-app purchase to upgrade) or 9 in free version

<http://itunes.apple.com/us/app/icom/id351726761?mt=8>

ICommunicate: \$49.99. This app includes the ability to design visual schedules, storyboards, communication boards, routines, flash cards, choice boards, speech cards, etc. You can record your own audio for pictures and boards. It allows you to record your own voice and use text to speech with 20 voice options. It has a 10,000 image library included or you can import your own pictures.

<http://itunes.apple.com/us/app/icomunicate./id364186415?mt=8>

iMean \$4.99– This app includes an on-screen keyboard with word completion. It was developed by the father of a boy with autism. It includes four views, a large keyboard in alphabetical order, a full-screen qwerty keyboard, a numeric view for entering numbers and an editing view that makes use of the standard iPad QWERTY keyboard as well as the Apple-built edit, select and copy functions which can be used to transfer the text to other applications such as word processing and mail.

<http://itunes.apple.com/us/app/imean/id364906155?mt=8>

My Pictures Talk \$2.99 - You can create stories with pictures, audio, and video. Also use it for video modeling wanted behavior. It allows you to document trips, adventures, class trips or create your own stories. Create talking photo and video albums, or use as a teaching tool to help promote wanted behaviors.

<http://itunes.apple.com/us/app/my-pictures-talk-video-modeling/id368388315?mt=8>

MyTalkTools Mobile Lite (free) and full version \$99.99- This app offers a 30 day fully functional version (lite) to try that is limited to 20 cell capacity with one or two boards. This app has a lot of nice features including an online board making tool, video tutorials. This app is easy to use and modify with great online support.

<http://itunes.apple.com/us/app/mytalktools-mobile-lite/id376401959?mt=8>

PCS Bingo (\$4.99) This app offers a fun way to help children learn the Picture Communication Symbols (PCS™) that they may have on their AAC device (Boardmaker software, DynaVox communication devices and other AAC devices) through Bingo. The company offers and includes 4 free Bingo Boards: Animals (Vocabulary), B (Articulation), Alphabet (Language), Rhyming Words Sample Deck (Rhyming). Over 60 additional Bingo boards are available for purchase directly in the app including those organized for articulation work. They offer several other apps like this such as PCS language on the iTunes store.

<http://itunes.apple.com/us/app/pcs-bingo/id453920859?mt=8>

Unity Connect PRC (Free) This app was developed by Prentke Romich Company so customers can integrate the power of the Unity® language on a PRC device with the convenience of an iPad.

<https://itunes.apple.com/us/app/unity-connect/id632209849?mt=8>

Pictello - \$19.99. With this app you can make your own talking photo album. You record your messages and add them into your own photos. It is very easy to use.

<http://itunes.apple.com/us/app/pictello/id397858008?mt=8>

Point to Pictures (\$1.99) This app by RJ Cooper's app is designed as an AAC training app to teach students to learn to point to pictures.

<http://itunes.apple.com/us/app/point-to-pictures/id479371604?ls=1&mt=8>

Proloquo2Go \$249.99 – One of the first robust AAC apps on the market, it is also one of the most well-known of all of the apps. This app is categorically organized and comes with pre-made vocabulary pages. In it you can edit and customize buttons to make it more unique to the user. It offers a good dynamic screen display program which provides many different options for communication, including with or without pictures or symbols. It allows for a ton of customization as the words or icons can be laid out in rows or a grid. The layout, number of icons, words and pictures can all be changed to suit your needs. Font and icon sizes can be changed. There are many different settings for speech and voices.

<http://itunes.apple.com/us/app/proloquo2go/id308368164?mt=8>

If you more information or customization help, there are literally hundreds of videos and resources both on the Proloquo website and the web in general. Proloquo website videos:

<http://www.proloquo2go.com/resources/article/introductory-videos>

Sono Flex app by Tobii ATTI. (Free Lite version or new full version approximately \$100) This app is based on the Tobii Sono Flex software. This app is designed as an AAC app that turns symbols into speech. It includes both core and fringe vocabulary. They also offer numerous training videos on the tobii website.

Combines core and topic-based vocabulary in a unique and dynamic way. The app includes more than 11,000 SymbolStix® symbols, allows use of the camera and photo albums to create your own symbols. It includes 5 US English voices: one boy, one girl, two women and one male voice. You can develop within Tobii Sono Flex into other Sono Suite products.

<http://itunes.apple.com/us/app/sono-flex-lite/id463709444?mt=8>

Sounding Board - Free You can make communication boards and then link them together. Boards allow up to 9 symbols per page. It comes with pre-loaded communication boards, linkable symbols, and switch access and the ability to customize. This app uses the picture library from AbleNet, which reviewers indicate can be limiting. It also allows you to import your own images from the camera/internet. It includes the ability to scan. AbleNet is reportedly developing pre-made boards to purchase and download for this app. Note: Blue2 Bluetooth® Switch Access: AbleNet's new Bluetooth switch is specially configured to provide single or dual switch access to SoundingBoard™ as well as any other compatible app.

<http://itunes.apple.com/us/app/soundingboard/id390532167?mt=8>

TapSpeak Button Standard or Plus, \$29.99. This app essentially turns your device into a single message communicator like the BIGMack button. It places the button on your screen and then overlays an image on it. You add a recordable message which activates when tapped. The standard version uses your images; the plus version uses the Boardmaker library. Note that you need to purchase separate app for iPad vs iPod

<http://itunes.apple.com/us/app/tapspeak-button-standard-for/id428769786?mt=8>

TapSpeak Sequence for iPad \$29.99 and TapSpeak Sequence Plus, \$49.99 This app turns your device into a sequencer, similar to the step-by-step communication device. It includes re-sizeable and moveable visual targets, an unlimited number of sequences, the ability to use your own images and drawings, and unlimited phrase recording and sequence length. The Plus version includes 4500 images from the Mayer Johnson Boardmaker library for building sequences.

<http://itunes.apple.com/us/app/tapspeak-sequence-standard/id379541810?mt=8>

Classic TC TouchChat HD \$149.99 This sophisticated AAC app can grow with the communicator. Programming is fairly easy and content can be hidden as needed. It also has an editor that is PC based. It comes with four vocabulary files and includes a vocabulary set from Gail Van Tatenhove. It also includes word Prediction. There are also two add on apps for additional prices. It comes with 5 English and 2 British voices. Buttons are programmed to have specific actions such as speak a message, navigate to a different page, change the volume or clear the display. Four page sets are included with the TouchChat: VocabPC, MultiChat-15, Primary and Spelling. Each page set targets individuals with different communication needs. Additional page sets including WordPower and Essence are available as in-app purchases. Over 10,000 Symbolstix symbols are included for customizing buttons. Use any image or take a photo with the built-in camera. <http://itunes.apple.com/us/app/touchchat-aac/id377558828?mt=8>

Verbally: Free and \$99.00 – This text-to-speech app offers a robust free version. It is an AAC app. It contains a core words and core phrases grid, word prediction, and the ability to import your contacts. Options exist to speak words or phrases. There are 3 keyboard layouts or you can use a Bluetooth keyboard. It offers both a male and female voice. One nice option is the steady hands feature for people with limited fine motor abilities that makes it easier to type. With this set to “on”, the app will only register when you lift your finger off of the intended letter on the keyboard. Note, no Wi-Fi or 3G connection is required. The upgrade allows you to customize the app with your own phrases and to reorganize content. It also offers additional voices (including a child) and the ability to save and store content (history) and connect via email. One complaint about this app is that it doesn't speak loudly so consider additional speakers.

<http://itunes.apple.com/us/app/verbally/id418671377?mt=8>

Home to School Communication

Explain Everything – This app is a screen casting app. You can import photos, write notes, jot reminders, etc. You can photograph documents like a schedule, etc. You can leave an audio message. It would be a useful app for back and forth notes between home and school. Although it doesn't let you import video, if each slide has audio, it plays it back like a video.

<https://itunes.apple.com/us/app/explain-everything/id1020339980?mt=8>

Notability – (\$9.99) This is the perfect note-taking app. It allows you to incorporate handwriting, PDF annotation, typing, recording, and organizing for any of your note taking needs. This app also allows you to choose different styles of note taking. It also allows you to link audio recordings straight into the document.

<https://itunes.apple.com/us/app/notability/id360593530?mt=8>

Go Talk NOW – This AAC app by Attainment combines the simplicity of their GoTalk products (Attainment’s popular original AAC device) with the dynamic capabilities of an iPad. It offers three styles of communication pages: Standard, Express, and Scenes. It also incorporates video so it can link to video or a visual scene display with audio hotspots.

<https://itunes.apple.com/us/app/gotalk-now/id454176457?mt=8>

Data Collection

Class Dojo (Free) This app is designed for teacher to track and improve classroom behavior. It captures data on behavior that teachers can be easily shared.

<https://itunes.apple.com/us/app/classdojo/id552602056?mt=8>

Document sharing and storage

Dropbox is a free service that lets you store your photos, docs, and videos on the internet and share them when you want to. You can have access to your files when you're on the go. You can also sort files by favorites. This is a very popular file storage service. You can easily sync files and folders across multiple computers and devices. Includes 2GB of free storage.

<http://itunes.apple.com/au/app/dropbox/id327630330?mt=8>

iCloud free is an Apple service that allows users to store music, photos, apps, calendars, documents, and more on the cloud. It then wirelessly pushes this information (new purchases, etc) to all your devices. (See below in calendars and tasks). iCloud requires iOS 5 on iPhone 3GS or later, iPod touch (3rd and 4th generation), iPad, or iPad 2; a Mac computer with OS X Lion; or a PC with Windows Vista or Windows 7 (Outlook 2007 or 2010 or an up-to-date browser is required for accessing email, contacts, and calendars). Some features require a Wi-Fi connection. Access to some services is limited to 10 devices.

<https://www.icloud.com>

Early Childhood

ASL Baby Sign (lite version is free \$.99) This app includes over 170 American Sign Language videos and 26 A to Z flashcards. It can be used as a reference for parents who want to connect and communicate with their child at a very young age.

<https://itunes.apple.com/us/app/baby-sign-asl-free-american-sign-language-learning/id310047870?mt=8>

Alien Buddies (\$1.99) – This app is designed with four games and several play modes to suit a range of ages from Preschool to Kindergarten. It includes: Matching: color, shape, letter and

number recognition (audio and visual modes); Puzzle: problem solving, shape recognition with 4-8 pieces; Dot-to-dot: sequential counting, fine motor skills; and Stickers: creative free play, fine motor skills (over 40 stickers and 8 landscapes)

<https://itunes.apple.com/us/app/alien-buddies-preschool-learning/id469461540?mt=8>

Baby Finger (free) This app is designed for very simple cause and effect interaction. Every touch of the screen offers a different response. Also includes activities to teach numbers, shapes and things, the alphabet (with sounds) and more. Also used by vision teachers as it offers similarities to a light box.

<http://itunes.apple.com/us/app/baby-finger-hd/id407552495?mt=8>

Baby Piano (Free or .99 for full version) This portable piano has been a top seller for years, and it's easy to see why. The eight-key piano plays notes and makes animal sounds, with corresponding cartoon animals pictured on each key. When kids are finished making their own songs, they can play a nursery rhyme by pressing one of the highlighted keys.

<https://itunes.apple.com/us/app/my-baby-piano-lite/id492194041?mt=8>

Baby Sleep Sounds (Free) This app offers several sounds that parents have found help calm their fussy baby. Some sounds include washing machine, hair dryer, vacuum cleaner, ocean waves, rain, birds, etc.

<https://itunes.apple.com/us/app/baby-sleep-sounds-white-noise-generator/id900351549?mt=8>

Bugs and Buttons (\$2.99) This app offers fun graphics and 18 interactive games all around a bug theme to teach preschool skills. The app is designed to be self-paced with two play modes, automatic or explore and play.

<http://itunes.apple.com/us/app/bugs-and-buttons/id446031868?mt=8>

Also check out:

Bugs and Bubbles - <https://itunes.apple.com/us/app/bugs-and-bubbles/id500195730?mt=8>

Bugs and Numbers - <https://itunes.apple.com/us/app/bugs-and-numbers/id577575295?mt=8>

Caterpillar's Dream (\$3.99) Get your tot involved in a variety of activities that include a coloring book, a video storybook, and digital finger painting. There's even a feature for your child to read, record, and playback a story.

<https://itunes.apple.com/us/app/caterpillars-dream/id686286757?mt=8>

Cookie Doodle (Free or \$.99) This app is offered for free on occasion. It provides an opportunity to make cookies from a recipe or from a mix. It is very interactive with the chance to crack eggs, sift flour, and pour ingredients. Users can also decorate their cookie with frosting, piping and candy sprinkles. <https://itunes.apple.com/us/app/cookie-doodle/id342128086?mt=8>

Elmo's Monster Maker \$2.99 This app allows the user to create monsters by choosing a body, face parts, hats, and more. Then, when it's done, Elmo will dance and play with your monster. This app includes Sesame Street video, the ability to save a photo of your monsters in your photo album. Touch your monster anytime for a surprise.

<http://itunes.apple.com/us/app/elmos-monster-maker/id350361202?mt=8>

Fish School (\$1.99) This app is a favorite of many parents, teachers and kids. It includes a clever use of fish to teach letters, numbers, shapes, colors, differences, matching, and more. It includes eight fun educational activities.

<http://itunes.apple.com/us/app/fish-school-by-duck-duck-moose/id367567459?mt=8>

Fish Fingers (Free) – This popular app features a 3D aquarium that you can interact with. Feed the fish and watch them swim toward you and slowly grow them the more you feed them. The fish swim in all directions and can be viewed from any angle!

<http://itunes.apple.com/us/app/fish-fingers!-3d-interactive/id368996494?mt=8>

Five Little Speckled Frogs (\$2.99) This darling app features the famous song and includes several options such as the ability to make your own bug, record your own music, and interact with the frogs.

<https://itunes.apple.com/us/app/five-speckled-frogs/id814315245?mt=8>

Lego Duplo Train (free) In this free app, a child can build and drive the train. They can load cargo, build bridges, stop at crossings, help passengers, refuel, and lay new tracks to steer the train safely around obstacles. There are no in app purchases and no advertising.

<https://itunes.apple.com/us/app/lego-duplo-train/id668416040?mt=8>

Marco Polo Ocean (free) This app allows kids to explore the ocean including all the wildlife there. They can interact with the fish and steer their boat through the waters. There is a narrator that talks about things seen. There is a parent’s section that gives information of what is on the app as well as how to play with the app. This app may be better for children over 2. Players can drag and drop parts to build their boat or animals. They can drag items throughout the ocean to interact with items in the ocean.

<https://itunes.apple.com/us/app/marcopolo-ocean/id797157312?mt=8>

Monkey Preschool Lunchbox \$1.99 The #1 preschool game in the app store. Learn and have fun by helping monkeys pack lunch! Monkey Preschool Lunchbox is a collection of seven games that teach colors, letters, shapes, sizes, matching and differences. Designed for preschoolers (ages 2 to 5).

<http://itunes.apple.com/us/app/monkey-preschool-lunchbox/id328205875?mt=8>

My First Words (Free) This app features over 200 flashcards with photos of common first words organized by categories. You can customize many options on the app in the settings feature including font size, color, timing, feedback, etc. In addition, you can create your own cards – recording your own voice and adding your own pictures. The app includes 8 different play modes which include (image only, word only, flashcard only, word then flashcard, word then image) You can also delete cards that you don’t want.

<https://itunes.apple.com/us/app/my-first-words-flashcards/id443902005?mt=8>

My Playhome: Free for lite version with just two rooms and \$2.99 for the full house. This app features a great doll house that allows the user to interact with the dolls. Almost everything on the screen is interactive (make meals, eat, brush teeth, etc). Turn on the lights and the shower, fry an egg, and more. No ads, no in app purchases.

<http://itunes.apple.com/us/app/my-playhome/id439628153?mt=8>

Nighty Night (\$1.99 or free for lite version) This app features farm animals that are getting ready for bed. The illustrations are fabulous! Children learn about the animals, the sounds they make, what they do, etc.

<http://itunes.apple.com/us/app/nighty-night!-hd/id428492588?mt=8>

PBS Kids Games (Free) This app has over 70 free learning games with PBS Kids characters. The app is full of games that encourage your toddler to learn math, science, creativity, etc. Some features include Daniel Wild Kratts, Tiger's Neighborhood, Sesame Street, The Cat in the Hat Knows a Lot About That!, Super Why, and Dinosaur Train. <https://itunes.apple.com/us/app/play-pbs-kids-games/id1050773989?mt=8>

PeekaBoo Barn (Lite is free, full version is \$1.99) In this app, farm animals are hiding behind doors. Useful for cause and effect and vocabulary development. You can record the animal names and save a written version. There are numerous versions in the peek-a-boo series.

<http://itunes.apple.com/us/app/peekaboo-barn/id300590611?mt=8>

Preschool Memory Match (Free) This app works to build vocabulary through matching activities. It includes over 220 different pairs to match in five categories, including transportation, musical instruments, animals/bugs, food, and objects. Sound effects are included for each matched pair.

<http://itunes.apple.com/us/app/preschool-memory-match/id368542467?mt=8>

Shapes Toddler Preschool (Free) This app is made by Toddler Teasers who also make other fun early childhood apps. This free app teaches basic shape concepts as well as other preschool categories within a fun game environment. The company sells individual apps like this or the entire package in the app Toddler Teasers Toddler Preschool Complete for \$2.99. Reviews, especially from young children are very positive.

<http://itunes.apple.com/us/app/shapes-toddler-preschool/id303153532?mt=8>

Sound Touch (\$5.99) This app features cartoon drawing of pictures from 6 categories, 12 items in each. When a cartoon picture is tapped, a photo image of the item opens up and its corresponding sound is heard. Photo images vary to offer the child several versions of the item. In addition, the app can pronounce the item names in 27 languages.

<https://itunes.apple.com/us/app/sound-touch/id348094440?mt=8>

Sparkle fish (Free) This is a great app that kids of all ages love. This app resembles the fill in the blank stories (mad libs) that you did as a kid where you had to insert a describing word, or a noun, etc and then read the story back with the inserts to see how silly it was. Using this app, you record different creative words in your own voice for playback. SparkleFish includes a "Chum It!" feature so you can post comments about the game directly to your Facebook wall. It comes with four story options, all cute and humorous. You can save recording to listen later. You have the option to buy more stories (5 at a time).

<http://itunes.apple.com/us/app/sparklefish/id432462341?mt=8>

Teach Me Toddler (\$1.99) This app teaches basic early childhood skills of numbers, shapes, colors, etc. through games and activities. It tracks data on success for each child (up to 4) and gives stickers for correct answers. It is designed for independent play by toddlers. The developers of this app have several versions for other ages and stages of development. There are also versions for older children (Teach Me Kinder, 1st).

<https://itunes.apple.com/us/app/teachme-toddler/id316755410?mt=8>

Tozzle - \$1.99 for full version of Free for lite version - This app is designed to allow users to complete puzzles. The full version includes 39 different puzzles. Users drag and drop puzzles in to the correct location. Once completed, you can press places on the puzzle for sound effects. If a child can't find the right place for a piece, a helping arrow appears after the third try so every child can solve every puzzle.

<https://itunes.apple.com/us/app/tozzle-lite-toddlers-favorite/id307741898?mt=8>

Wheels on the Bus (Free) This fun, interactive experience encouraging motor, language and cognitive skills through fresh illustrations, creative interaction and music. Designed for ages 2-5, it features the opportunity to sing and record your own voice, It includes interactive elements on every page as well as educational components such as learning about instruments. You can also listen to "Wheels on the Bus" in English, Spanish, French, German and Italian

<https://itunes.apple.com/us/app/wheels-on-the-bus/id303076295?mt=8>

Zoola (lite version is free, full version is \$2.99) This app features different animals. It asks what does the dog say? Then links to a picture of the dog and the sound it makes.

<https://itunes.apple.com/us/app/zoola-animals-lite/id415571848?mt=8>

Hearing

ASL Signs lite (Free) This is a lite version of the ASL. It is free to download and to test out the features of the full application. It has about 50 words. There are 2 other paid versions including ASL Ultimate (1400 words) and ASL Pro (700 words). The features are exactly the same as ASL Lite except that these versions have more words.

<http://itunes.apple.com/us/app/asl-lite/id299467634?mt=8>

GarageBand - free- GarageBand is an amazing music app that allows you to play numerous instruments and have access to a recording studio. You can also use the built-in microphone or a guitar to record, or capture any performance. Then mix up to eight tracks to create a song you can share. Some teachers of the hearing impaired use GarageBand to improve auditory comprehension for deaf and hard-of-hearing students. It is especially beneficial for students with new cochlear implants. The educators make podcasts of conversations. They then download it to a device so that students can learn inflection and start to differentiate voices.

<https://itunes.apple.com/us/app/garageband/id408709785?mt=8>

iSpeech Toddler Sign Language \$1.99 This app is designed to teach 30 commonly used basic words using sign language techniques. The app includes a detailed illustration of each sign, a definition/of the sign, an explanation on how to replicate the sign, and a detailed animation of the

sign with two animated children; Sadie and Sammy.

<http://itunes.apple.com/us/app/ispeech-toddler-sign-language/id324321945?mt=8>

Sign 4 Me for iPad – A Signed English Translator \$9.99 This app is a great resource for learning sign language. It utilizes an in 3D which can be manipulated for easy viewing. The library includes more than 11,500 words. Type in sentences, phrases, words and even the alphabet. Everything you enter will be saved in your History. Easily locate your entries by date or alphabetically. Delete whatever you don't want to keep. Use the controls to speed up or slow down the signing; turn on or off the looping feature; and send the character to his "home" or default position.

<http://itunes.apple.com/us/app/sign-4-me-a-signed-english/id312882992?mt=8>

Highschool apps

Read to Learn APP (\$39.99) This app is a literacy and life skills program for adolescents and adults with developmental disabilities, including autism. It features three heavily illustrated, interactive books with age-appropriate themes: Safety Skills Reader, Life Skills Reader, and Focus on Feelings. It has many different categories (life skills, safety, and focus on feelings) and within each category there are 85 unique stories. For example, in the Safety Skills section you can read stories about; community, recreational, home, and personal.

<https://itunes.apple.com/us/app/attainments-read-to-learn/id524808810?mt=8>

Life & Social Skills

ABA Flashcards: Emotions (.99) – This app is designed to help individuals learn to recognize and interpret emotion through facial expressions. It includes 50 superb, concrete, colorful images of the 10 most basic emotions; with 5 examples of each emotion. It also includes audio and text encouraging vocal imitation. ABA also makes other cards for functions and other skill sets such as problem solving.

<https://itunes.apple.com/us/app/aba-flash-cards-games-emotions/id446105144?mt=8>

Aurasama (Free) This app allows your device to recognize images and objects you have taken a picture of. Once recognized, it "plays" videos, music or 3D animations called "Auras". It stores virtual content behind the image. Once the app is turned on, simply point your device at objects you have stored data behind. The app immediately plays that data. You can utilize this app to store directions behind an object such as how to take your medicine. You can attach a video to a card. You must turn on or accept location services for this app to work correctly.

<https://itunes.apple.com/us/app/aurasma-lite/id432526396?mt=8>

Connover Company Life Skills (prices vary, see below) This company produces a number of apps for individuals with disabilities including literacy skills, work skills, social skills, planning, and more. The Literacy app is designed to teach and reinforce basic signs and words critical for independent living. This app contains 80 videos from their literacy skills series applications, the ability to add assignment for each user based on individual needs and lock the device to certain sections. Full programs vary in price from \$5.99 – 19.99.

ConversationBuilder - <https://itunes.apple.com/us/app/conversationbuilder/id413939366?mt=8>

ConversationBuilderTeen -

<https://itunes.apple.com/us/app/conversationbuilderteen/id551522479?mt=8>

SentenceBuilderTeen - <https://itunes.apple.com/us/app/sentencebuilderteen/id465018367?mt=8>

iDress for Weather (\$1.99) This app connects to local weather reports and provides appropriate recommendations for weather. What is unique is that you can take pictures of your own clothing for the “closet” so that it shows you things in your closet that would be appropriate for the days weather.

<https://itunes.apple.com/us/app/idress-for-weather/id385227220?mt=8>

iRewardChart – (Free and \$3.99) this App allows you to create a positive reward chart for individuals. You can import photos to customize the app. You can decide the criterion behavior to get the reward (i.e. 5 attempts) and the reward itself (watch TV, play a game, etc.). Taps the device to tally behaviors. When criterion is reached, the reward is provided.

<http://www.irewardchart.com> or <https://itunes.apple.com/us/app/irewardchart-parents-reward/id341306389?mt=8>

Kid in Story Book Maker (\$6.99) This app allows you to create easy-to-make personalized stories and share customized picture storybooks with photos of your child or others as the main character. Easy and fun to create visual stories to support learning, social modeling, and early literacy for all children.

<https://itunes.apple.com/us/app/kid-in-story-book-maker-create-share-personalized-photo/id594403164?mt=8>

Med O’Clock (free) This app works as a reminder for taking your medication. It will also schedule and prompt you for your appointments, injections, treatments, etc. Because it uses local notifications, you will receive reminders even if not connected to a network or Wi-Fi.

<https://itunes.apple.com/kz/app/med-oclock-lite/id521679637?mt=8>

See Touch Learn (Free) This app features a picture based learning system designed for those with autism. Users can build custom picture card lessons and track responses. The app comes with a starter set of images and exercises created by a behavior analyst. Additional libraries of images and lessons are available for purchase from within the app.

<http://itunes.apple.com/us/app/see.touch.learn./id406826506?mt=8>

Social Stories (\$3.99) This app offers a quick and simple behavior-reinforcement tool for kids with autism. Social Stories is an ABA app designed to help special needs children and young adults understand social situations and give them tools to respond correctly to their environment, in their environment. A photo is paired with a line of text & audio to show the child, to help visualize what they need to do or understand on each page. To create one of these stories, tap the add button in the upper right-hand corner and create a new story. Stories can be one or multiple pages. <https://itunes.apple.com/us/app/id507893514?ign-mpt=uo%3D4>

Social Stories Creator for Educators (\$29.99 or free lite version) An app for easily creating, sharing and printing educational social stories, visual schedules, and beautiful memories. Use pictures, videos and text to create stories. The app also comes with over 20 pre-made social

stories that cover a variety of social and behavioral skills.

<https://itunes.apple.com/us/app/id998334331?ign-mpt=uo%3D4>

Social Adventures (\$7.99) – This app is Designed as a self-contained resource for running social cognition groups, each activity within the Social Adventures App can be used to augment other approaches. Expert-approved activities nurture students’ social skills. You can use the app to teach: Initiating interactions, Maintaining interactions, Advocating and negotiating, Getting regulated, Interpreting nonverbals, Negotiating personal space, and Experiencing humor

<https://itunes.apple.com/us/app/id468235375?ign-mpt=uo%3D4>

Tactical Breather (Free) - This app can be used to help teach breathing and self-calming strategies in order gain control over physiological and psychological responses to stress. It offers repetitive practice and training, so users learn to gain control of heart rate, emotions, concentration, and other physiological and psychological responses to their body during stressful situations. It includes: Introduction Narrative to the Benefits of Tactical Breathing, Tutorial on how to use Tactical Breathing, Practice Mode to help you learn, Settings Page to change voice gender and graphics preferences,

<https://itunes.apple.com/us/app/tactical-breather/id445893881?mt=8>

T2Mood Tracker (Free) – This app allows users to monitor their moods on six pre-loaded scales (anxiety, stress, depression, brain injury, post-traumatic stress, general well-being). Custom scales can also be built. Users rate their moods by swiping a small bar to the left or to the right. The ratings are displayed on graphs to help users track their moods over time. Notes can be recorded to document daily events, medication changes and treatments that may be associated with mood changes, providing accurate information to help health care providers make treatment decisions.

<https://itunes.apple.com/us/app/t2-mood-tracker/id428373825?mt=8>

Interactive Telling Time Lite (Free lite version or \$2.99) This interactive app teaches all aspects of telling time. Designed for children 3 to 12, it comes with 5 difficulty levels. The app includes 7 language options and the ability to customize the app and track statistics. There are options to play games and win fish for the aquarium.

<https://itunes.apple.com/us/app/interactive-telling-time-learning/id477389150?mt=8>

Touch Trainer (\$4.99) This app offers a simple cause and effect tool that provides music and shows a simple animation whenever a button is tapped. The button gets progressively smaller as the app moves through the levels to easily teach individuals how to use a touch screen. In the settings menu the caregiver can decide if the app will "react" to any touch or if it only recognizes distinct taps.

<https://itunes.apple.com/us/app/touch-trainer-autism-special/id424128577?mt=8>

Math

Built in iPhone calculator – free built-in calculator is a scientific calculator if you turn the device on its side to access the more advanced functions.

Coin Math \$3.99 This app includes a variety of options for working with money at different levels. You can match coins to their value, purchase items by counting coins needed, etc.
<https://itunes.apple.com/us/app-bundle/coins-math-learning-for-k1-k2-kids/id1015982421?mt=8>

Counting Bear (.99) This app is designed for young children to teach early counting skills. Each time an item is touched, the child hears the number. You can customize the app with your voice and your pictures. You can customize the difficulty of the game play. Wrong answers are ignored and the child is required to try again.
<https://itunes.apple.com/us/app/counting-bear/id414967966?mt=8>

Counting Coins and Bills (Free) This app allows the user to practice identifying and solving math problems with money. They can count, match, and make change with coins up to quarters and bills up to \$20. Practice money skills in five unique activities: (1) Counting Money: Type the total of the coins and bills you see. (2) Show Me the Money: Drag bills and coins to make the total shown. (3) Making Change: Drag bills and coins to give customers change for their purchases. (4) Matching Amounts: Make the amount shown by using a different combination of bills and coins and (5) Show Values: Drag coins and bills to count up, and then check your answer.
<http://itunes.apple.com/us/app/counting-bills-coins/id374976971?mt=8>

Counting Money (Free) This app is designed to help people of all ages count money. It includes two games and two difficulty levels. The app uses four coin buttons to add to the tally provided. The activity includes a timer that can be set from 1-8 minutes.
<https://itunes.apple.com/us/app/counting-money/id469420537?mt=8>

Fractals – \$2.99 Fractals are a concept often discussed in geometry. They are made by a simple formula, yet they have complex designs. This app allows you to create fractals by just pinching the screen. A great way to view fractals in real time.
<https://itunes.apple.com/us/app/fractals/id300542371?mt=8>

Kids Math Fun ~ Kindergarten (.99) This app allows users to practice addition of two single digits (0-9) numbers, and the subtraction of two single digits (0-9) numbers (without negative answers). There is an option for unlimited time or a timed feature. The settings options allow you to adjust complexity and tracking of scores.
<http://itunes.apple.com/us/app/kids-math-fun-kindergarten/id287877578?mt=8>

Math Bingo (2.99) This simple math game includes four options for addition, subtraction, multiplication and division, with 3 different levels of difficulty. You can include up to 5 player profiles and customize 8 different cartoon avatars. The app allows you to track number of games played as well as scores for each game and level.
<http://itunes.apple.com/us/app/math-bingo/id371338715?mt=8>

Math Drills Lite (free) This math app contains colorful graphics to address basic math skills in addition, subtraction, multiplication and division. It is unique in that it offers strategies and tricks as well as solutions to players to help solve problems. For example, it shows you how to

use your fingers for multiplication. It also allows you to adjust the complexity of the problems for the user. <http://itunes.apple.com/us/app/math-drills-lite/id302881372?mt=8>

Math Kid (free) This app is designed to teach math skills for children 4-12 years old. It includes rewards, hints and customization. It features typical skills such as addition, Subtraction multiplication and Division as well as percentages, fractions and basic equations. Although it is a free app, there is no advertising.

<https://itunes.apple.com/us/app/math-kid/id465213584?mt=8>

Math Ninja \$1.99 or free version - In this fun game, you become a Math Ninja and try to hold off an army of robots by answering math problems. You earn cash to buy objects that help get rid of the robots. This game is somewhat violent with smoke bombs, throwing stars, and ninja magic. <http://itunes.apple.com/us/app/math-ninja-hd/id370144476?mt=8>

Math Play (free) This app features math flash cards in either a practice or game mode. It includes addition, subtraction, multiplication, and division. Up to four players can play in game mode. Each player can be in their own category, yet playing each other.

<https://itunes.apple.com/us/app/math-play-2/id376368059?mt=8>

Mathscribe (Free) This app provides a keyboard for typing out math equations. Features include: Ability to draw patterned lines in Venn diagrams to define intersecting areas, Truth table representation, represent simple and complex Fractions, Draw various Geometrical Shapes, like Circle, Ellipse, Square, Rectangle, Angle or Triangle.

<https://itunes.apple.com/us/app/mathscribe/id520058883?mt=8>

Multiplication for Kids (free) - This app teaches times tables from 0 to 20. It includes cute graphics and targets kids in grades 1 to 3. Every question and answer is spoken aloud. It includes ten levels with ten questions each. The free version offer the first 2 levels only.

<https://itunes.apple.com/us/app/multiplication-for-kids/id489448322?mt=8>

Multiplication Rap 6x HD (\$.99) There are a series of apps, each .99 cents that work on multiplication skills for a specific number, i.e. multiplying by 6. The app features a fun character, D.J. Doc Roc, the Hip Hop Hamster who teaches multiplication skills using rap.

<http://itunes.apple.com/us/app/multiplication-rap-6x-hd/id442926211?mt=8>

PCalc Calculator Lite - Free version of the scientific calculator app for the iPhone. This “lite” version offers a fully functional calculator, including an RPN mode, multiple redo/undo’s, and unit conversions and constants. It also features two visual theme options.

<http://itunes.apple.com/us/app/pcalc-lite-calculator/id300311831?mt=8>

Mathmateer (\$1.99 or lite version is free) In this award winning app, Kids complete math problems (addition, subtraction, multiplication, money, time, patterns, shapes, counting, fractions, decimals, etc) in order earn fake money to build a personalized rocket ship and complete a mission. It includes six levels and utilizes the touch pad and the tilt feature on your device to steer your rocket to the right answer. It works on the iPhone, iPad or iPod Touch.

www.rocketmath.net or <http://itunes.apple.com/us/app/rocket-math/id393989284?>

Splash Math (Lite version is Free, other versions \$9.99) This interactive app is available in version for grades 1-4. It offers a comprehensive app containing numerous chapters and math skills. It won the "Best Elementary Student App" (2011). Players can play in practice mode or levels. Results of progress can be emailed.

<https://itunes.apple.com/ag/app/1st-grade-math-splash-math/id456195301?mt=8>

Virtual Manipulatives (Free) This math app allows you to work with virtual math manipulatives and has won several awards. If you have used the web site www.abcya.com before, this is the web site as an app. It helps students work with fractions and provides concrete meaning to more abstract learning.

<http://itunes.apple.com/us/app/virtual-manipulatives/id471341079?mt=8>

Memory prompts and Medication Reminders (see also Schedules)

iPharmacy (Free) – This app includes a pill identifier, prescription reference, medication reminder, prescription discount card, comments, ratings, and pharmacy weekly deals. It offers an official guide for 20,000+ FDA approved medications and built-in 12,000 pill and package images

<https://itunes.apple.com/us/app/ipharmacy-drug-guide-pubmed-direct/id378721295?mt=8>

Pill Monitor Pro (.99) – This app is designed to manage pills/medications, by assisting the user to take pills on time. Key Features include the ability to: Schedule unlimited reminders of each pill, Customer reminder time, repeat date and dosage of pills, Create reminder with multi reminder times daily of one drug, Remind you on time no matter if you are operating this app or not, Choose to take, skip or snooze pills when it reminds, Chose snooze time if you are not at a convenient time/place to take pills, Check your current reminders and upcoming reminders, Different reminder sounds for you to choose for each pill, Comprehensive manage your pills' info: side effects, recommend dosage, units, form, prescription number etc., Add photos to each pill, Keep, add, edit, or delete your pills taken history, Add note to pill taken entries, Pass code function to protect your info, Supports touch ID as passcode, No internet connection needed, Email pills taken logs to your Dr. or family, Supports Wi-Fi backup & restore, Supports iCloud backup & restore, Supports Dropbox backup & restore, Supports Apple Watch version.

<https://itunes.apple.com/us/app/pill-monitor-pro-medication-reminders-and-logs/id477666512?mt=8>

RxmindMe (Free) - Use this app to schedule text messages to send for later and never forget to send it. This program allows you to program a time and date for a message and it will open on the date/time you specify. You then click to send. It is not sent until the user pushes the send button. Type in custom phone number recipients (in addition to using your Address Book like before). Create Email Reminders via a \$0.99 in-app purchase (Text Reminders are still free and always will be). <https://itunes.apple.com/us/app/remindme-text-scheduler/id792456128?mt=8>

Music

Awesome Xylophone (Free and \$1.99) – This app features a realistic looking and sounding Xylophone with bright colors and musical notes.

<http://itunes.apple.com/us/app/awesome-xylophone/id423063965?mt=8>

Beatwave (Free) This app includes a variety of musical instrument samples, and endless ways to mix and match them.

<http://itunes.apple.com/us/app/beatwave/id363718254?mt=8>

Melodica (.99) This app for the iPod, iPhone, and iPad is offered in both a free and paid version. Simply tap on the screen to create lights and music. <https://itunes.apple.com/us/app/apple-store/id313573137?mt=8>

Pandora Radio Free is the same as the web based option if you are familiar with it. Through Pandora, you can stream music that you like. The app will then select music similar to what you choose and play that as well. You can bookmark favorites or block those you do not like.

<http://itunes.apple.com/us/app/pandora-radio/id284035177?mt=8>

Occupational & Physical Therapy Apps

There are numerous resources out there for OT's and PT's to find apps. Here are just a few:

OT's with Apps – This wiki features links to numerous apps and app resources that OT's may like. There is a lot on this wiki so take some time to follow the links on the right side of the page to find what you are looking for.

<http://otswithapps.wordpress.com/category/apps-for-ots/>

Physical and Occupational Your therapy Blogspot: This blog is not limited to apps but if you type the word apps in the search field you will find numerous apps relevant for OT and PT's particularly those working with children. You might enjoy reading about apps for evaluating posture, apps for data collection, physical activity tracking, and video/gait analysis.

<http://yourtherapysource.blogspot.com/2011/03/free-collaborative-website.html>

Apps for OTs

Build and Play 3D – Rockets, Helicopters, Submarines and More (Free) is a sequel to the award-winning Build and Play 3D – Planes, Trains, Robots and More App. Includes colorful toys young children can easily build themselves and then control and play with.

<https://itunes.apple.com/us/app/build-and-play-3d-rockets-helicopters-submarines-and-more/id687718966?mt=8>

Cut the Buttons (Lite Free and \$1.99) – This app is a game format that lets you use virtual scissors on your iPad to cut. It helps kids practice a pincer grasp on a flat surface in a game. You can also adjust it for a left-handed player in the settings menu. You can move the scissors to control the direction the buttons fall. You can also move the cup with the hand that is not

controlling the scissors. In the classic mode, you play until you miss three scraps of material with buttons left on them. Upon catching 100 buttons in the cup, you can either receive additional points or recover a previously lost button. In the arcade mode, you must cut off as many buttons as you can in the allotted time and do your best to drop them in the cup.

<https://itunes.apple.com/us/app/cut-the-buttons-hd/id474137540?mt=8>

Dexterity (\$4.99) This app includes numerous therapeutic hand exercises (not games) to address fine motor skills and handwriting readiness in children and adults. The goal of this app is to help build strength, control, and dexterity. Many OT's love this app particularly because it includes automatic tracking and reporting options which can be saved and emailed..

<http://itunes.apple.com/us/app/dexterity-fine-motor-skill/id420464455?mt=8>

My Dragons! 3D Dragon Detector (Free) This app allows you to turn your iTechnology into a virtual 3D dragon. Your device becomes the dragon that you lift it to fly, put down to land, push to walk!! It responds to your movements! And tap to breathe fire!! You can see dragons all around you and control them.

<http://itunes.apple.com/us/app/my-dragons!-3d-dragon-detector/id497446052?mt=8>

Fingersketch – (Free) Occupational therapists like this app to work on fine motor skills. Free Sketch Art Tool. Users can create black and white or color sketches with a few simple strokes. It is an easy to use, simple, fast drawing tool.

<http://itunes.apple.com/us/app/finger-sketch-paint-for-ipad/id393772736?mt=8>

Handwriting without tears (\$4.99) – This app offers practice opportunities for children learning to write capital letters and numbers. There are two options for sensitivity and three levels of difficulty for each letter.

<https://itunes.apple.com/us/app/handwriting-without-tears/id548753732?mt=8>

iOT Session (Free) This app addresses visual tracking, bilateral coordination, visual perception, fine motor/dexterity, visual scanning, and handwriting/correct letter formation. Created by an occupational therapist, it is designed for ages preschool to 12th grade. The app allows you to track and report the user's progress through a log-in feature. Data stored can be reviewed and emailed.

<https://itunes.apple.com/us/app/iot-session/id682260594?mt=8>

iWriteWords (Handwriting Game) – (\$2.99) \$2.99 or Free lite version with letters a, b, and c and 3 words (cat, cup, owl) only. This app for the iPod Touch, iPhone, and iPad helps the user learn to write letters, numbers and words. The user starts at the icon provided and traces the line, following the numbers provided. This award winning app is designed to teach handwriting while playing a fun and entertaining game. In the game, you help Mr. Crab collect the numbers in sequence by dragging him with your finger - and drawing the letter at the same time. As a reward, when you are correct, a cute drawing appears. Slide the letters into the rotating hole and advance to the next level.

<https://itunes.apple.com/us/app/iwritewords-handwriting-game/id307025309?mt=8>

Miracle Modus (Free) This app was designed by a young man with autism because he found it mitigated sensory overload for him. Miracle Modus includes rainbows and soft bells. The first time you open the app, it will make a bit of noise and draw a bunch of lines, squares, and hexes. Once it's done this it will work

<https://itunes.apple.com/us/app/miracle-modus/id555904748?mt=8>

P.O.V. Spatial Reasoning Skills Development (\$3.99) This app offers a set of 3 activities designed to teach spatial reasoning skills through fun, challenging, interactive activities. It includes: 1) Intro & Explore- Learn about the game mechanics and 4 different points of view. 2)Vantage Point - See a top view and side view of objects and choose the matching side view. 3)Make a Scene - Move the top view objects to match the side view.

<https://itunes.apple.com/us/app/p.o.v.-spatial-reasoning-skills/id532611500?mt=8>

Tozzle - \$1.99 for full version of Free for lite version - This app is designed to allow users to complete puzzles. The full version includes 39 different puzzles. Users drag and drop puzzles in to the correct location. Once completed, you can press places on the puzzle for sound effects. If a child can't find the right place for a piece, a helping arrow appears after the third try so every child can solve every puzzle.

<https://itunes.apple.com/us/app/tozzle-lite-toddlers-favorite/id307741898?mt=8>

VisualAttention Therapy (Free) – This app is designed to improve reading, scanning, concentration, memory, attention to detail, and speed of processing in a game format. The user must compete against time to find letters and symbols in a field of adjustable size. The free version is a sample of the full app. It includes two modes, test (check if there's a problem in scanning or attention) and practice (move left to right, finding 1 or 2 targets in order). The app includes settings of spacing/size to customize the app for the user to provide between 24 & 228 items on the screen in the full app. The Lite version offers 1 size/spacing setting.

<https://itunes.apple.com/us/app/visual-attention-therapy/id554546572?mt=8>

Write My Name (\$3.99). This app offers a way for children to practice writing letters, words, names and phrases. Designed for children ages 4 through 6 to learn how to write their name, trace uppercase and lowercase letters, and write over 100 familiar sight/Dolch words. Based on some of the reading and writing Common Core State Standards for kindergarten such as the introduction and mastery of print and word recognition concepts. Includes alphabet book, word cards and my name activities.

<https://itunes.apple.com/us/app/write-my-name/id500623496?mt=8>

Organizational/Time-saving Strategies (see also Schedules)

Aida Reminder with Voice Reminders (Free) - Aida Reminder lets you create reminders very easily and quickly. Recurring reminders are fully supported, you can set hourly, daily, weekly, monthly and yearly reminders, or even days of the week or month. It also has a wake-up alarm with custom snooze time. <https://itunes.apple.com/us/app/reminder-with-voice-reminders/id469454389?mt=8>

Awesome Note (\$3.99) This productivity/to-do app is just one example of many out there. It features: color coding, calendar, due date, to-do list, check off completed items, categorize content, share with others, and alarm reminders. It also syncs with Google docs and Evernote and saves automatically as you enter content.

<http://itunes.apple.com/us/app/awesome-note-to-do-diary/id320203391?mt=8>

Dropbox (Free) is a free service that lets you store your photos, docs, and videos on the internet and share them when you want to. You can have access to your files when you're on the go. You can also sort files by favorites. This is a very popular file storage service. You can easily sync files and folders across multiple computers and devices. Includes 2GB of free storage.

<http://itunes.apple.com/au/app/dropbox/id327630330?mt=8>

Evernote (Free) This free app is on the top ten must have apps list for most sites. It is a memory and notetaking tool that syncs data to your desktop and iPhone as well. You can record text, pictures, audio recordings and more and it instantly synchronizes with all your devices. You can use it to organize notes from class, capture ideas, stay in sync, snap photos of lectures, things you want to remember, and more.

<http://itunes.apple.com/us/app/evernote/id281796108?mt=8>

iHomework \$0.99 This app lets you manage school work, schedules, assignments, and more. It includes alarms to notify you of important deadlines.

<http://itunes.apple.com/us/app/ihomework/id302786560?mt=8>

Remember the milk (Free, but yearly subscription for web site) This app connects with the online service of the same name so it is everywhere you are. Learn more at www.rememberthemilk.com

<http://www.rememberthemilk.com/> is a yearly subscription, but a great free app is also available here: <https://itunes.apple.com/us/app/remember-the-milk/id293561396?mt=8>

Corkulous Professional (Free) – This app offers a way to collect, organize, and share your ideas that feels completely natural. If you have an iPad, you need this app! See demo video: <http://www.corkulous.com/> This app contains cork boards where you can place notes, labels, photos, contacts, and tasks. Group your ideas visually on one board or spread ideas out across multiple boards (sub-boards also supported). Each board has plenty of real estate to capture your best ideas and plans.

<https://itunes.apple.com/us/app/corkulous-professional/id1155543746?mt=8>

Alarmed, (Free) – This app is both a reminder + timer app. It includes pop-up reminder alerts with robust repeat scheduling, flexible snooze and full customization. There are also pop-up timers with custom messages, countdown / count up, timer queues and more. You can use Siri to create reminders and import from the Reminders app and it offers iCloud syncing & backup. With an in app purchase (Extras Package - \$4.99).

<https://itunes.apple.com/us/app/alarmed-reminders-timers/id371886784?mt=8>

Prompting Systems (see also Schedules)

Aurasama (Free) This app allows your device to recognize images and objects you have taken a picture of. Once recognized, it “plays” videos, music or 3D animations called “Auras”. It stores virtual content behind the image. Once the app is turned on, simply point your device at objects you have stored data behind. The app immediately plays that data. You can utilize this app to store directions behind an object such as how to take your medicine. You can attach a video to a card. You must turn on or accept location services for this app to work correctly.


<https://itunes.apple.com/us/app/aurasma-lite/id432526396?mt=8>

QR Code Readers

iNigma (Free) This app includes a sophisticated QR scanner/reader. You can then share scanned codes through Facebook, Twitter and other social networks. It also includes the ability to create your own codes and interface scans with maps, calendars, and more.

<https://itunes.apple.com/us/app/i-nigma-qr-code-data-matrix/id388923203?mt=8>

QR Code Reader (\$1.49 or free) and Creator Generator. (Free) This app allows you to read and create your own QR Codes. Use it to link web sites to content, provide additional support for reading, add additional instructions to your task, read books in Spanish or English, to send kids on a scavenger hunt, to link to numerous online resources, using this app you can generate a list of QR code as one PDF file for printing, generate any QR code such as text, URL, contact, etc., instant Scan, and add Phone Contact and navigate to URL on one step. This application supports all iOS includes iPhone, iPad2, iPod touch with camera for the scanning capabilities.

<http://itunes.apple.com/au/app/qr-code-reader-and-creator/id436182189?mt=8> QR Reader for iPhone <http://itunes.apple.com/au/app/qr-reader-for-iphone/id368494609?mt=8> 

QR Creator <https://itunes.apple.com/au/app/qr-code-generator-free/id1065047998?mt=8>

Qrafter (Free) This app allows you to read and create your own QR Codes. It works with the iPhone, iPad and iPod Touch. It can scan QR Codes and generate new codes if you purchase the "Pro Pack". It is nice in that it has a built-in safety checker for malicious sites in URLs, embedded web browser with vCard and iCalendar support, and embedded Dropbox integration.

<https://itunes.apple.com/us/app/qrafter-qr-code-reader-generator/id416098700?mt=8>

Reading

A Story B4 Bed (Free but considerable in app purchases) This app allows you to record books for free on your iPad and share them with others. In addition, they have a library of authors who do virtual readings of their own books for you. Head to <http://www.astorybeforebed.com/storytime>. Watch any of the recorded stories. And in the bottom right hand corner click "Add to My Books" (one you have registered with the site.) Those recordings will show up in the app for download. Free of course. ***

<http://itunes.apple.com/us/app/a-story-before-bed-personalized/id364887654?mt=8>

CALIBRE - Free This is a free downloadable program (not web based) that will convert source files (such as those formatted for a Sony Reader or Kindle) into the format needed to view them

within iBooks on the iPad. This e-book management program helps keep track of and store e-books. CALIBRE has a number of other features such as the ability to find metadata about books (author, publisher, publication date, etc.) from the Internet and a news reader which allows the user to subscribe to various RSS News feeds which CALIBRE will reformat and send to the e-book reader. Input Formats Currently Supported: CBZ, CBR, CBC, CHM, EPUB, FB2, HTML, LIT, LRF, MOBI, ODT, PDF, PRC**, PDB, PML, RB, RTF, SNB, TCR, TXT Output Formats Currently Supported: EPUB, FB2, OEB, LIT, LRF, MOBI, PDB, PML, RB, PDF, SNB, TCR, TXT. (With Bookshare books you take the XML file into Word and save it as HTML or PDF. Then take into Calibre to convert into ePub by Don Johnston. Once in ePub load it into iBooks and read it with VoiceOver.) Note: The formatting can get a little messed up.

<http://calibre-ebook.com/>

CALIBRE Library organizer - (\$3.99) <https://itunes.apple.com/us/app/calibre-companion/id1171161691?mt=8>

Dictionary.com (Free) offers a full dictionary for your iPad. It is connected offline so no internet connection is required. It includes over 1,000,000 definitions and 90,000 synonyms and antonyms. It also includes audio pronunciations, example sentences, and the famous Word of the Day. It also includes a word game called, Miss Spell's Class, where you can test your spelling skills against commonly misspelled words. It is recommended that you install the app when you are connected to your computer, verses from your device. It also has a sister site called Thesaurus.com

<https://itunes.apple.com/us/app/dictionary.com-dictionary/id308750436?mt=8>

Free Exam Vocabulary Builder – (Free) This app offers flashcards to help students learn vocabulary commonly found on graduate school exams, university entrance exams, professional advancement, or simply increased language proficiency. It includes common vocabulary words from college entrance exams with definitions, synonyms, and example sentences.

<http://itunes.apple.com/us/app/free-exam-vocabulary-builder/id319052551?mt=8>

iBooks (Free) This app offers a way to download and read books. iBooks includes the iBookstore, where you can download the latest bestselling books.

<http://itunes.apple.com/us/app/ibooks/id364709193?mt=8>

Kindle (Free) This app is designed for iProducts (iPhone, iPod touch, and iPad) to give you the ability to download and read Kindle books, magazines, newspapers, etc. You can shop the Kindle store through Amazon to get access to over one million e-books. It also provides all the features of syncing such as last page read, bookmarks, highlighting, etc. There are numerous free books as well. <http://itunes.apple.com/us/app/kindle/id302584613?mt=8>

Max and Merideth: The Search for Percival (\$3.99) This interactive and ever changing story includes a search for Max's pup, Percival. Join Max and his friend, Meredith, as they explore Evergale in search of their wayward pal. *This is* a choose-your-own-adventure style, interactive storybook for children aged five years and younger. It features two play modes: Storybook mode, in which adults and children read and explore the story together without narration, and Narrator mode, in which the story is presented to the users. In both of these modes, children are given various choices throughout the story.

<https://itunes.apple.com/us/app/max-meredith-the-search-for-percival/id1135323982?mt=8>

Millie Was Here: Book One Meet Millie (Free) This app features a digital pop-up interactive book where the user literally opens doors, pulls strings, and plays games. The story is about a little dog's explorations and includes videos, games and more. Tons of interaction, music, and more. The text can highlight words as they are read. Options to have the book read aloud or read it yourself. "Bedtime Mode" creates a calmer experience for nighttime reading.

<http://itunes.apple.com/us/app/millie-was-here-book-1-meet/id452174851?mt=8>

Newsela (Free) This app presents the news of the day at 5 different reading levels. It includes a feature to test reading skills to find the "just right" level to read the stories of the day. The app includes unlimited access to hundreds of leveled news articles and Common Core-aligned quizzes, with new articles every day. It delivers relevant, daily articles from trusted news sources at varied reading levels.

<https://itunes.apple.com/us/app/newsela-daily-news-at-just/id966371321?mt=8>

OverDrive Media Console (Free) – This app allows users access to electronic library books. You must have a library card and your library must be participating but many are. You can use the 'Get Books' feature in the app to find a library near you. Browse your library's digital collection on the web, check out a title with a valid library card, and download the title directly to your iPhone, iPad, and iPod Touch. Each EPUB eBook and MP3 audiobook that you check out has a lending period. The title automatically expires in the app at the end of the lending period, so there's never a late fee. There's even a handy countdown clock built into the app so you know how long you have to read or listen before the title expires.

<http://itunes.apple.com/us/app/id366869252?mt=8>

Photo Touch Apps by Grasshopper (.99) - this series of apps features colorful photo based pictures to teach children words. This particular app teaches early concepts of position, size, direction and more. The app includes game modes that can be customized.

<http://itunes.apple.com/us/app/kids-learning-photo-touch/id423247346?mt=8>

Pocketphonics - Free or \$2.99 - Helps teach phonics through letter sounds, letter writing and word recognition.

<http://itunes.apple.com/us/app/abc-pocketphonics-lite-letter/id302689971?mt=8>

Present for Milo (Free short version or \$2.99 for the full version) This award winning app is an interactive story that children love. It includes more than 80 tap-interactive objects that initiate more than 125 animations.

<http://itunes.apple.com/us/app/a-present-for-milo-a-touch/id405288824?mt=8>

Read2Go \$19.99 This is an accessible e-book reader that was developed by Benetech (the parent organization of Bookshare). Read2Go is an accessible DAISY reader for Apple devices which connects directly to Bookshare's online collection of over 120,000 books. The app allows users to search, download, and read Bookshare books and periodicals and manage their books in a bookshelf. In addition, Read2Go reads DAISY 2.02 and 3.0 materials from some other sources.

The app is great, and has text-to-speech as well as some study skills features. **Note:** This app requires the student belongs to Bookshare (individual membership). Their web site indicates “supports individuals with print disabilities, such as blindness or low vision, a physical disability in which an individual cannot hold a book or turn the pages of a book, or a severe learning disability, like severe dyslexia, that affects reading. Users can choose to read books using text-to-speech with synchronized word-by-word highlighting and audio provided by the highly natural Acapela voices or in VoiceOver mode with the Acapela or Apple voices. Based on reading preferences, users have a wide range of options for font size, color and background color. In addition to adjusting the rate of the audio, users can turn the text-to-speech on and off. Further, Read2Go supports all levels of DAISY navigation that are included in the structure of the book, navigation using VoiceOver gestures, as well as connectivity with Bluetooth-enabled braille devices.” <http://itunes.apple.com/app/read2go/id425585903?mt=8>

See Read Say \$1.99 This app teaches children to read the list of 220 Dolch high-frequency sight words which reportedly make up from 50 to 75 percent of the reading material encountered by students in early reading. This app includes the ability to customize for different children, to collect data and track progress.

<http://itunes.apple.com/us/app/see-read-say/id322313775?mt=8>

Shakespeare (Free) This app includes all the works of Shakespeare for your iPad. It includes plays, sonnets, and poems. It is searchable in exact and relaxed modes so you can find what you are looking for. It also includes portraits and a glossary of terms.

<http://itunes.apple.com/us/app/shakespeare/id285035416?mt=8>

Sight Words List (.99) - Learn to Read Flash Cards & Games (Free) This app contains six sets of sight words, also known as the Dolch List. They are broken by level of difficulty.

<http://itunes.apple.com/us/app/sight-words-list-learn-to/id445708245?mt=8>

Smiley Sight Words (.99) – this app includes over 1,600 sight words. Child’s progress can be tracked and exported.

<http://itunes.apple.com/us/app/smiley-sight-words/id361006388?mt=8>

Spell-A-Word (\$1.99) RJ Cooper’s Spell-A-Word is a large print spelling app, where you can make your own WordLists, or use those that we’ve made for you (complete with pictures and recorded words). When searching for this app, make sure you use the dashes.

<http://itunes.apple.com/us/app/spell-a-word/id480176452?ls=1&mt=8>

TextHelp (Read&Write Gold) (free) Allows students to read textbooks and use the highlighting features of Read and Write Gold directly on their iPads. It includes features such as dual colored highlighting, high quality voices for text-to-speech, etc. Read&Write Gold only gives access to the web app (for use on iPad also) if you purchase a site license. Those range in price from \$3,000 - \$6,200.

<http://www.texthelp.com/North-America/Our-products/Readwrite/features-pc/web-apps>

<http://itunes.apple.com/gb/app/read-write-for-ipad/id934749270?mt=8>

Schedules

Choiceworks Calendar (\$4.99) This powerful picture-based learning app helps children learn what is happening day-to-day throughout each month. By presenting the abstract concept of time in a structured, visual format, Choiceworks Calendar helps children organize their lives as well as understand sequence and time.

<https://itunes.apple.com/us/app/choiceworks-calendar/id791053105?mt=8>

First Then Visual Schedule, \$9.99 – This app is designed as a fully customizable visual schedule. It offers 1, 2 and 4 location screens. You can record your own sound and choose your own picture/symbol from your camera or utilize the built-in Internet search feature. You can create as many schedules as you need and change the order of a schedule, anytime

<https://itunes.apple.com/us/app/first-then-visual-schedule/id355527801?mt=8>

It's Done (\$2.99) – This simple memory app is designed to be quick and easy. Designed for those with short-term memory loss due to brain injury, dementia, or other medical-related conditions. It includes notifications of you or others by text or email that a task is done. Simple intuitive user interface. Includes 40 everyday tasks in the Task Library or you can add your own. Tasks can be set up to repeat daily or at scheduled intervals. Each completed task is confirmed with a date/time stamp and stored in the app's history. Un-checking a task allows it to be check-marked "done" again with a new date/time stamp.

<https://itunes.apple.com/us/app/its-done!/id439338524?mt=8>

Living Safely \$29.99 – This app is designed to teach 27 safe living skills through self-directed learning sessions. Living Safely utilizes the AbleLink Instructional Media Standard (AIMS), which features instruction using visual and auditory media.

<https://itunes.apple.com/us/app/visual-impact-living-safely/id396774523?mt=8#>

Off We Go Going to the Dentist HD \$3.99 - This is one in a series of app books designed to help children with everyday experiences. Each book tells the story of a particular event or everyday activity in a sequence of 12 steps. This book shows what is likely to happen, but also includes typical sounds from the dentist's office. Users can also color in the book and they can record themselves or their parent, so that even the narration is a familiar comforting voice.

<https://itunes.apple.com/us/app/off-we-go-going-to-dentist/id388916811?mt=8#>

Others include:

Off We Go – Going on a Plane HD - \$4.99

<https://itunes.apple.com/us/app/off-we-go-going-on-a-plane-hd/id388916735?mt=8>

PhotoMind App (\$2.99) This app lets you use a photo with your task reminder. The picture will be viewed with any note you have saved, without the need for an Internet connection. You can also email a reminder (picture, date, and note) to anyone, use the camera or your photo library to add photos, and more.

<https://itunes.apple.com/us/app/photomind-picture-reminders/id412456413?mt=8>

Picture Scheduler (\$2.99) – This app is designed to organize tasks utilizing picture, video and audio prompts. Each tasks can have an alarm that can be repeated daily, weekly, monthly or you

can select specific weekdays. Tasks can be organized into categories and each category can have a different picture attached to it. You can also export & import content to other devices.

<http://itunes.apple.com/us/app/picture-scheduler/id315050461?mt=8>

Pillboxie (1.99) This app is designed for medication reminders. It lets you *visually* manage medication with pictures of different pills you can customize in color and quantity. Scheduling a reminder is as easy as dropping a pill into a pillbox. It offers reminders even if your device is asleep with no network connection required. Includes the ability to see a list of what meds are "due today" and check them off as you take them.

<https://itunes.apple.com/us/app/pillboxie/id417367089?mt=8>

Story Builder \$7.99 This app is designed to help improve story writing skills such as paragraph formation; integration of ideas; and 3 higher level abstractions by inference. Numerous audio clips target auditory processing Users can record their story in their own voice, save stories to listen to later, and send to teachers and friends via email. It includes 50 distinct story lines to create narrative from and 500 audio clips of questions to guide that narrative. It also includes a question and answer option.

<http://itunes.apple.com/us/app/story-builder/id377631532?mt=8>

StoryLines Comix (Free) This app harnesses the power of storytelling to illustrate words through student-created comic strips.

<https://itunes.apple.com/us/app/storylines-comix/id898385672?mt=8>

Science

3D Brain (Free) – This free app is super cool and on a favorite apps list at many sites. You can explore the brain and 29 interactive structures with a touch of your finger. Details include content on how each region functions, what happens during injury and content on mental illness. Each detailed structure comes with information on functions, disorders, brain damage, case studies, and links to modern research.

<http://itunes.apple.com/us/app/3d-brain/id331399332?mt=8>

Barefoot World Atlas (\$4.99) An interactive world atlas with a 3-D globe and animated features. Explore the world's continents, great oceans and changing environments. Meet different people around the planet and find out about their way of life. Encounter amazing wildlife, discover landmarks, natural features and famous buildings.

<https://itunes.apple.com/us/app/barefoot-world-atlas/id489221652?mt=8>

Bobo Explores Light \$4.99 – Another great app that has won lots of awards. Users can explore the value and dynamics of light through 21 in-depth topics including lasers, telescopes, lightning, reflection, bioluminescence, and sunlight. Developed by a team of educators, it features over 100 pages of original content, edited by a team of educators with decades of collective teaching wisdom. A robot named Bobo is your guide as you explore videos, articles, animations and trivia.

<http://itunes.apple.com/us/app/bobo-explores-light/id463809859?mt=8>

EMD PTE Periodic table (Free) There are numerous periodic table apps out there but this one has won numerous awards and offers just a bit more. As in most periodic table apps, you can look up information on all the different elements. This app also features a classroom presentation mode, integrated molar mass calculator, Fahrenheit and Celsius options, atomic mass, etc. Users can learn about the chemical elements - from classification to element features to their history of discovery. It includes data such as relative atomic mass, melting point and boiling point, density, appearance and additional properties for each individual element.

<http://itunes.apple.com/us/app/emd-pte/id377393859?mt=8>

Frog Dissection \$3.99 – If you attended the way cool web site trainings, this was a favorite. Now it is available for the iPad and has won lots of awards. It is designed for middle-school students who are learning about organs and organ systems. Users can dissect a virtual frog using traditional dissection tools. Once dissection is complete, the frog's organs are exposed for further study. The app also provides content on different types of frogs, life cycles, quizzes, etc.

<http://itunes.apple.com/us/app/frog-dissection/id377626675?mt=8>

Google Earth (Free) This app allows you to see the world. You can explore satellite imagery for over half the world's land mass. You can also search for places and businesses using Google Local Search and link to geo-located Wikipedia articles.

<http://itunes.apple.com/us/app/google-earth/id293622097?mt=8>

GoSkyWatch Planetarium Free or full version for \$3.99 –The app uses your current location and angle orientation of the iPad to identify and locate stars, planets, constellations. It includes special features such as red light mode to preserve night vision, magnitude adjustment for viewing conditions, planets shown with relative brightness for easy identification, touchless navigation, heads up information display, full 180 degree display to see at a glance what is in the sky and where. The free version does not include all the stars, only A-C but is a robust app.

<http://itunes.apple.com/us/app/goskywatch-planetarium-for/id364209241?mt=8>

March of the Dinosaurs (\$2.99) An interactive encyclopedia of dinosaurs. It includes ten 3-D-animated dinosaurs that can be rotated and zoomed in on. This is a very cool app but it uses up a lot of memory to install & to download updates

<https://itunes.apple.com/us/app/march-of-the-dinosaurs/id462225645?mt=8>

Molecules (Free) – This app allows the user to view 3D molecules and manipulate them with your fingers. You can rotate, zoom in or out, or pan the molecule by moving two fingers across the screen at once. New molecules can be downloaded from either the RCSB Protein Data Bank (<http://www.rcsb.org/pdb>), an international repository of biological molecules and their 3-D structures, or NCBI's PubChem (<http://pubchem.ncbi.nlm.nih.gov>), a public database of compounds. Molecules can be downloaded directly to your handheld device and stored there for later viewing. For more details, visit their website.

<http://itunes.apple.com/us/app/molecules/id284943090?mt=8>

Muscle System Pro III (\$9.99): This app offers high quality 3D renderings of the musculoskeletal system. The user can view any body part at any angle. In addition, it provides

audible pronunciations and other learning tools, making it one of the top medical training apps available.

<https://itunes.apple.com/us/app/muscle-system-pro-iii/id364596328?mt=8>

NASA Visualization Explorer (Free) - This amazing app allows you to view stories about advanced space-based research. This app includes cutting edge research stories with new stories added every week.

<http://itunes.apple.com/us/app/nasa-visualization-explorer/id448700202?mt=8>

PBS for iPad (Free) This app lets you connect and watch numerous PBS shows from your iPad. This includes more than 300 videos, including full-length episodes, segments and previews with new content updated daily such as first episode of Brian Greene's "The Fabric of the Cosmos". Original online series, including Nova Science NOW's "Secret Life of Scientists" and "FutureStates" from INDEPENDENT LENS. Watch the most popular PBS programs free and with minimal interruption.

<https://itunes.apple.com/us/app/pbs-video/id398349296?mt=8>

Pocket Frogs (Free) This app offers a unique opportunity to discover, collect, trade, and breed over 15,000 unique frogs on your iOS device, anytime, anywhere! You can trade frogs and habitat items with friends, breed a diverse and unique collection of frogs, play anytime, online or off, customize and decorate each of your frog habitats and earn over 60 challenging awards to earn.

<http://itunes.apple.com/us/app/pocket-frogs/id386644958?mt=8>

Rocket Science 101 (Free) This app by NASA lets you build a rocket, choose a mission, and launch your creation into orbit. In the process, you learn about missions, launch vehicles, and more.

<https://itunes.apple.com/us/app/rocket-science-101/id536290350?mt=8>

Science 360 (Free) This app was created by The National Science Foundation (NSF) for the iPad. It offers images and video from around the globe and a news feed. Content is either produced by NSF or gathered from scientists, colleges and universities, and NSF science and engineering centers. Because of the quality of the video and pictures, it requires a strong Wi-Fi connection. The user interface is unique in that it offers a 360-degree panorama of options you scroll through. Note arrows on items that have video attached.

<http://itunes.apple.com/us/app/science360-for-ipad/id439928181?mt=8>

Science Scribe (Free) This app provides a keyboard for typing out chemistry formulas. Chemscribe:

<https://itunes.apple.com/us/app/chemscribe/id555273442?mt=8>

Sky View (Free) – This is a stargazing app that allows you to utilize the iPad camera to identify objects in the sky including stars, constellations, and satellites.

<http://itunes.apple.com/us/app/skyview-free-explore-universe/id413936865?mt=8>

Solar Walk – \$4.99 This app is similar to Star Walk (described above except that instead of information on stars, it offers content on the planets. It includes the ability to explore space and see the planets close up. Each planet includes numerous details. Provides a dazzling 3-D interactive tour of the solar system with information about all of the planets, moons and NASA missions.

<http://itunes.apple.com/us/app/solar-walk-3d-solar-system/id347546771?mt=8>

Star Walk \$4.99 – Utilizing the iPads built-in compass, this app allows you to literally point your iPad at the sky and see what stars, constellations, and satellites you are looking at in real-time. Tilting and turning your iPad gives you a new view of the universe around you. Utilizing the Time Machine options, you can also see what the sky looks like at any moment in the past or future and see pictures in outer space. One of the best options is the ability to search for items and see where they are in the sky right now. Use apple TV to connect a second display to view the sky on a big screen and air print to print what you see. *No internet connection is required*

<http://itunes.apple.com/us/app/star-walk-5-stars-astronomy/id295430577?mt=8>

Video Science (Free) – This app contains a growing library of over 80 hands-on Science lessons that for home and classroom. These short videos demonstrate inexpensive and easy to recreate experiments. Download videos for offline viewing. Note: these are done by a science teacher who works for a company that sells products to do experiments. The marketing is there but not over the top. If you are looking for fun science experiments to watch or ideas to replicate, there are some cool videos here with lots of teaching attached. The videos are large so you'll want to download them to your iPad by clicking on the export icon button before showing them. Some are also pretty simple so be sure to view them first before showing them.

<http://itunes.apple.com/us/app/videoscience/id333284085?mt=8>

Sign Language

ASL Dictionary (\$2.99) This app includes videos of professional interpreters signing over 4,800 words and multiple word phrases. Internet access is required to view the videos but they can be saved for future viewing while not connected.

<http://itunes.apple.com/us/app/asl-dictionary/id353574642?mt=8>

Sign 4 Me - \$9.99 This Signed English app is designed as a tool for learning sign language. It offers models of sign language instruction in 3D! You can zoom in or out and rotate. The library includes more than 11,500 words. Type in sentences, phrases, words and even the alphabet. Everything you enter will be saved in your History. Easily locate your entries by date or alphabetically. You can delete whatever you don't want to keep.

Use the controls to speed up or slow down the signing; turn on or off the looping feature; and send the character to his "home" or default position.

<http://itunes.apple.com/us/app/sign-4-me-a-signed-english/id312882992?mt=8>

Social Studies

Constitution for iPad (Free) – This free app offers a searchable copy of the United States Constitution. It does include ads.

<http://itunes.apple.com/us/app/constitution-for-ipad/id363287472?mt=8>

Declaration for iPad (Free) – This free app offers a searchable copy of the United States Declaration of Independence. It does include ads.

<http://itunes.apple.com/us/app/declaration-for-ipad/id367735045?mt=8>

Stack the States - \$2.99 In this app, users learn about the 50 states including content on the capitals, shapes, geographic locations. It is set up in a game format where you try to earn all 50 states and unlock bonus games.

<http://itunes.apple.com/us/app/stack-the-states/id381342267?mt=8>

The Presidency (Free) – This app provides historical information for the 44 United States Presidents. It is designed as a reference tool with historical information.

<http://itunes.apple.com/us/app/the-presidency/id370072846?mt=8>

World Factbook \$2.99 This app takes advantage of the CIA fact book, a free government publication which they have recreated on an app. It features information about over 250 countries, in a searchable organized format. Topics addressed include natural resources, industries, GDP, religion, ethnic groups, legal system, etc. Key data are grouped under the headings of introduction/background, geography, people, government, economy, communications, transportation, military, transnational issues.

<http://itunes.apple.com/us/app/the-world-factbook-2012/id310064645?mt=8>

Studying

A+ Pro (\$2.99) An efficient and clever method of creating flashcards to memorize information. Also, can access other's flashcards already created for you.

<http://itunes.apple.com/us/app/a-flashcards-pro/id395248242?mt=8>

ivoc Audio (\$2.99) This app offers a strategy to memorize things quickly using your own recorded Voice. Users record question and answer pairs.

<http://itunes.apple.com/us/app/ivocaudio-your-memory-chum!/id404446774?mt=8>

myHomework (Free) This app is created to help organize students by setting reminders for homework assignments and due dates. Everything can be color coded and viewed as a list or on a daily or monthly calendar with alerts for deadlines. Late and upcoming assignments are numbered and color coded to keep you aware of upcoming deadlines.

<http://itunes.apple.com/us/app/myhomework/id303490844?mt=8>

Switch Use

NOTE: For an app to be switch compatible, it must be designed that way. Examples of several switch accessible apps described elsewhere in this handout include:

Alexicomm AAC: (In AAC section)
SoundingBoard: (In AAC section)
TapSpeak Choice: (In AAC section)
TapSpeak Sequence: (In AAC section)

Attainment Switch app \$4.99 This app turns your device into a wireless accessibility switch. It can be used to run scanning software and communication tools. It is customizable and allows access to any switch accessible. It includes both one and two-button switch mode and you can use your own images on the buttons.

<http://itunes.apple.com/us/app/attainment-switch/id432089360?mt=8>

GoTalk Now \$79.99 This app from Attainment mimics the function of the Go Talk devices on the iPad. It allows you to use images from the iPad or internet, have up to 25 locations per page.

<http://itunes.apple.com/us/app/gotalk-now/id454176457?mt=8>

Predictable: \$159.99 This app has too many features to describe here. It is a text-to-speech app with AAC functions with the latest social media integration. The new version of Predictable supports symbols and has an ability to convert handwriting to speech

<http://itunes.apple.com/us/app/predictable/id404445007?mt=8>

RJ Cooper Tablet Switch Interface (\$119) This device (not an app) offers switch access to the iPad. Simply plug your switch into it. It works through Bluetooth 2.1 for simple pairing and range of over 50 ft. It has a lithium-ion battery that recharges through your USB port or USB AC charger.

<https://store.rjcooper.com/> and <https://store.rjcooper.com/collections/switches>

Scene & Heard \$49.99: This app offers a visual scene display for communication. It includes opportunities to foster interactive context based communication. Import photos and add audio messages, short videos, symbols and scene links.

<http://itunes.apple.com/us/app/scene-heard/id423528276?mt=8>

Switch Kids (\$7.99) is a switch-accessible app to teach cause and effect. It works with the Blue2, the iPad screen or a Bluetooth keyboard. It accepts up to four external switches for input. It includes three activities, Funny Sounds and Faces, Bubble Gum and Build-A-Kid. A scoreboard tracks progress. In the lite version you use the iPad as the switch.

<http://itunes.apple.com/us/app/switch-kids/id467551739?mt=8>

RadSounds (\$29.99) - This app is a cause/effect and music program. It is designed for switch users. They can customize a music playlist and record or sing new music. There is Momentary mode, where the music plays for only the time you hold your finger on the iPad, Timed mode, where the music plays for a specified number of seconds upon each activation, or an advanced mode where the user chooses songs by cycling through their playlist. RadSounds is *switch-friendly*, that is, for those with physical challenges, a switch (or button) can be plugged into RJ Cooper's iPad Switch Interface for cordless access to switch-friendly apps.

<http://itunes.apple.com/au/app/radsounds/id420977569?mt=8>

Teenage Switch and Touch Progressions (\$1.99) This app includes a switch or touch activity that helps learners to know when to activate and when NOT to activate the switch/iPad. Music is the key positive reinforcer with animated scenes of life situations as the graphic elements. Many Skinner/behavioral prompts/features are built in, such as "Wait," "Stop, please," positive reinforcement, motivating operations, and others. Included is the ability to import your own music!

<https://itunes.apple.com/us/app/teenage-switch-and-touch-progressions/id963381504?mt=8>

Texting & Email Support

TextPlus (Free) This app provides free text messaging for the iPad (and iPhone). They assign you a free telephone number so that you can send and receive free unlimited texts.

<http://itunes.apple.com/us/app/textplus-free-texting-group/id314487667?mt=8>

Time Management & Teacher/Administrative Resources

Calendars & Tasks: If you currently use Microsoft Outlook for tasks, you can easily sync with your iPad. You can also sync other calendars through the icloud. Or there are numerous other calendars and syncing apps. But, a word of caution, icloud is a little tricky. When you are using the calendar portion of icloud, make sure that you pay attention to which Calendar you are editing and where it is stored. If you are creating or editing events and you want them to be in iCloud Calendar, those events need to be created in a Calendar that is in the ICLOUD section of the iCal Calendar List

Class Dojo (Free) This app is designed for teacher to track and improve classroom behavior. It captures data on behavior that teachers can be easily shared.

<https://itunes.apple.com/us/app/classdojo/id552602056?mt=8>

Doodlecast Pro version is \$4.99 This app is designed to help in creating presentations. It records your voice as you draw then saves videos to the camera roll. Includes numerous options. The app includes a series of 20 drawing prompts, which include themes (fast, yucky, messy, loud) and elements (water, park, mouth). Kids draw with their fingers and the app records their voice and drawing as they go.

<https://itunes.apple.com/us/app/doodlecast-pro/id469486202?mt=8>

Educreations (Free) This app (and/or you can do it on their website) turns your iPad into a recordable whiteboard. It allows you to record your voice and handwriting to create video lessons. You can share the video lesson with a limited audience or make it public. On their web site, you can also access tons of lessons that others have created and get a sense of ways to use this app.

<http://www.educreations.com/> and <https://itunes.apple.com/app/educreations-interactive-whiteboard/id478617061?ls=1&mt=8>

Epocrates (Free, but in app annual subscription \$159.99) This app includes a Provider Directory. It offers a way to review prescriptions drug and safety and check for potentially harmful interactions among up to 30 drugs at a time. It also can be used to identify pills by

imprint code and physical characteristics, perform calculations such as BMI and GFR and access timely medical research information. Additional information on disease, alternative medications, lab guides and clinical tools and content are available by upgrading to an Epocrates Essentials subscription (\$159.99/year).

<https://itunes.apple.com/us/app/epocrates-tools-for-healthcare/id281935788?mt=8>

Flipboard (Free) This highly awarded app is designed to create a personalized magazine out of everything being shared with you. Flip through your Facebook newsfeed, tweets from your Twitter timeline, photos and much more. Connect Flipboard to all your social networks, and you'll have a single place to enjoy, browse, comment on and share all the news, photos and updates that matter to you. It analyzes the information and break sit down into content that can be presented in the format that works best for you.

<http://itunes.apple.com/us/app/flipboard/id358801284?mt=8>

Google Translate (Free) This app allows you to translate text in more than 70 languages. It is useful when working with students who are bilingual as it allows you to listen to your translations spoken aloud. It also translates speech and handwriting. It requires internet access but allows you to star your favorite translations for quick access when you're offline. You can view dictionary results for single words or phrases.

<http://itunes.apple.com/us/app/google-translate/id414706506>

Rover (Free) This education app is a browser designed for educators using iProducts who cannot get access to Flash products. It allows access to online learning content such as Flash. It includes content-filtering to ensure students are protected from inappropriate content and firewall-friendly solution for schools. It does require a Wi-Fi connection and 3G iPads also require a wireless connection.

<https://itunes.apple.com/us/app/rover-browser-for-education/id483262612?mt=8>

TeacherPal (Free) This app is designed to help keep the teacher organized. It includes grade books, attendance, and the ability to import and export files. It enables the teacher to organize classes, and students.

<http://itunes.apple.com/us/app/teacherpal/id389584618?mt=8>

Teacher's Pick (.99) This app gives you the ability to randomly choose students without having to rely on memory. Add your class names and the students in each class and this app keeps track of which students are active, inactive (already chosen) or absent and gives you options to pick a student from the active group or pick from the full group (active or inactive). At the end of the day or week just touch a button and all of the student's present are returned to active status.

<http://itunes.apple.com/us/app/teachers-pick/id320221052?mt=8>

Textfree – This app for the iPhone, iPod touch and iPad and now Android comes in two versions, Textfree Lite and Textfree. The Lite version is free and allows you to send and receive up to 15 text messages daily using your iPod. There are ads on the free version. The paid version has no ads and no limit on the number of texts per day. You sign up for a textfree address through the app that friends use to text you. They will send a text to the email address. You can even get a free phone number now (as of the last few months). They are growing in

popular exponentially and this was one of the most popular app downloads last year. Textfree is a product of Pinger which has other cool products worth checking out like: i2i, Doodle Buddy, PhotoChop and Stickwars users. All apps are available on the app store. www.pinger.com
<https://itunes.apple.com/us/app/text-free-texting-app-sms/id399355755?mt=8>

Time timer \$4.99 is a useful countdown timer app. It features a disappearing red-disk which allows a visual feedback to how much longer <https://itunes.apple.com/us/app/id332520417?ign-mpt=uo%3D4>

PDFs Reading and annotating

Claro PDF (\$6.99 or free for the lite version) This app offers an accessible, reading and study PDF tool for all. Annotate, mark up, listen to and save PDF files. Creates accessible text PDF files to be spoken back to you with human quality voice & synchronized highlighting. PDF image files or photographs of text can be converted to accessible, searchable PDF files using the Claro Cloud conversion service.

<https://itunes.apple.com/us/app/claropdf-pro/id633997623?mt=8>

GoodReader PDF Reader, Annotator and File Manager (\$4.99) This app offers a robust PDF reader app. It handles huge PDF and TXT files, manuals, large books, magazines, and renderings of 100 MB and more with great speed. Its refined file manager lets you manage local files and email attachments on your iPhone/iPad allowing you to work from anywhere.

<https://itunes.apple.com/us/app/goodreader-pdf-reader-annotator-and-file-manager/id777310222?mt=8>

iAnnotate (\$9.99) Use this app to read, annotate, and share PDFs, Microsoft Office files, images and web pages. Over 1 million people turn to iAnnotate to take notes, sign agreements, highlight documents, insert stamps and more.

<https://itunes.apple.com/us/app/iannotate-4-pdfs-more/id1093924230?mt=8>

VisTimer \$1.99 This app includes a picture of a shrinking pie chart to depict elapsed time. The color of the pie chart can be customized. It can also be operated in Lock Mode, where all settings are locked after the timer is started.

<https://itunes.apple.com/us/app/vistimer/id434108079?mt=8>

Vision

There are a number of web sites that review apps for individuals with vision impairments and blindness.

App sites for children who are blind:

- Thomas Marshall Does it All: Blog spot:
<http://thomasmarshalldoesitall.blogspot.com/2011/09/ipad-apps-for-blindvisually-impaired.html>

- Thinking Outside the Light-Box: Vision Therapy Support Group Facebook page: List of apps for kids with cortical visual impairment
<https://www.facebook.com/Thinkingoutsidethelightbox/>
- Babies with iPads blogspot: <http://babieswithipads.blogspot.com/2011/01/top-10-apps-by-teacher-of-visually.html>
- Youtube
- <http://www.spectronicsinoz.com/blog/>
- <http://www.iPadforums.net>
- <http://www.applevis.com> - apps are reviewed by blind or low-vision users.
- <http://www.apple.com/accessibility/ipad/vision.html>

Alarmed ~ Reminders, Timers, Alarm Clock (Free) This is another free app that is loved by many iPad users. It offers popup reminders and robust scheduling with great customization. It includes countdown / count-up and pause, an alarm clock available with iTunes playlists & built-in melodies, sleep timers, fade-in and a full screen clock panel, plus over 80 high-quality custom sounds included. For the visually impaired, it offers organizational apps that are VoiceOver friendly. It is user friendly app and fully accessible. The notes area includes reminders and a "nag me" mode that repeats the alarm until you shut it off. Through an in-app purchase you can unlock advanced features.

<http://itunes.apple.com/us/app/alarmed-reminders-timers-alarm/id371886784?mt=8>

Ariadne GPS \$5.99 – This app features a talking map to allow a person who is blind to explore their world. Activate VoiceOver on your device, and the app will read the street names and numbers around you by touching them. Your position is on the center of the screen. What's in front of you is on the top half of the screen and things behind you are on the bottom half of the screen. Crossing a street is signaled by vibration. It includes a favorites feature and the ability to announce stops on the bus or train. Available in multiple languages, Ariadne GPS works anywhere Google Maps are available. This app has received high reviews but notes: “The features of Ariadne GPS are based on the location services and on the Maps server for what concerns the information about the position. This information may not be accurate, due to the location accuracy, which is generally below fifteen meters but in some cases can be few tens of meters and to the Maps service, which might be unresponsive at certain times (Ariadne GPS will tell you if this is the case).”

<http://itunes.apple.com/us/app/ariadne-gps/id441063072?mt=8>

Auto Ringtone Pro Talking Caller ID Ringtones – price ranges from Free to \$4.99 – With this app you can personalize each caller’s ringtone to identify them when they call. It includes numerous text-to-speech voices. Note, you can also use ringtones as personal alarm clock alerts. For example: "Attention Chris, it's time to take your medicine." You can type ANYTHING and have it spoken. Very useful for those who are blind as their phone can announce the caller so they know who is calling. It is fully accessible via VoiceOver and the navigation and instructions are clear. You can even choose from different voices and control the speed that the voice speaks.

<http://itunes.apple.com/us/app/autoringtone-pro-text-to-speech/id333264447?mt=8>

BigCalc (Free) BigCalc is a simple calculator for iPad with a large display and big buttons and a paper tape to keep track of your calculations.

<https://itunes.apple.com/us/app/big-calc-free/id1099178125?mt=8>

Bloom (\$3.99) This app allows users to create patterns and melodies by tapping the screen. A generative music player takes over when Bloom is left idle, creating an infinite selection of compositions and their accompanying visualizations.

<http://itunes.apple.com/us/app/bloom/id292792586?mt=8>

CanFind (Free) This app allows you to take a picture of anything on your phone and the app will search for the item on the internet, find related items, price comparisons, shopping, related places, etc. It also allows you to save and share your pictures and searches.

<https://itunes.apple.com/us/app/camfind-visual-search-powered-by-cloudsight-ai/id595857716?mt=8>

Color ID (Free) – This app identifies colors by using the camera feature on the iPad. Simply hold the iPad over an item and it will identify the color and the spectrum and hue. This app is useful for those who are visually impaired or color blind and have difficulty recognizing colors. This is useful in a number of settings such as getting dressed, in the grocery store (is the tomato red), and more.

<http://itunes.apple.com/us/app/color-id-free/id402233600?mt=8>

Evernote (Free) This free app is on the top ten must have apps list for most sites. It is a memory and notetaking tool that syncs data to your desktop and iPhone as well. You can record text, pictures, audio recordings and more and it instantly synchronizes with all your devices. You can use it to organize notes from class, capture ideas, stay in sync, snap photos of lectures, things you want to remember, and more.

<http://itunes.apple.com/us/app/evernote/id281796108?mt=8>

EyeNote – (Free) - Money reader app from the US Treasury. This application does not authenticate a note as either real or counterfeit.

<https://itunes.apple.com/us/app/eyenote/id405336354?mt=8>

Glow Draw (Free) This app is a simple drawing app that features drawing options with glow in the dark pens.

<http://itunes.apple.com/us/app/glow-draw!/id364873934?mt=8>

Feedder RSS Reader Pro \$4.99 This is the most popular RSS reader for the iPad. It is a fast and highly customizable Google Reader that stays in sync with Google and presents RSS stories in an easy-to-ready interface. Feedder is a universal app that supports iPhones, iPod touches, and iPads. This free version is supported by banner ads. It is highly recommended by individuals with low vision because it has so many features. It even caches articles for off line reading

<http://itunes.apple.com/us/app/feedder-rss-reader-for-ipad/id364873582?mt=8>

Fireworks Toy (free) This app offers a very simple interactive fireworks display. Tap on the screen and a firework will be launched towards the location you tapped. Drag your fingers across the screen and dozens of colorful fireworks will be launched towards the path your fingers traced.

<http://itunes.apple.com/us/app/fireworkstoy/id346602357?mt=8>

Jumbo Calculator (Free) This app features a large buttoned calculator. It includes basic features of adding, subtracting, multiplying, dividing, squaring and square-rooting.

<https://itunes.apple.com/us/app/jumbo-calculator/id361121377?mt=8>

Kaleidic (Free or .99) This app offers an interactive, animated, highly randomized kaleidoscope. Using the iPad, you can shake, tilt, and move the screen to create different images.

<http://itunes.apple.com/us/app/kaleidic-lite/id305557129?mt=8>

List Recorder \$.99 lite version or upgrade to \$7.99 – This app allows you to easily record lists using the audio recorder on your device. It includes several recording formats, and an easy to use interface. You can easily replay, sort, delete or email recordings using custom gestures such as tilt and tap. You can assign due dates and organize recordings for later access. It integrates with VoiceOver as well as Braille displays. The light version .99 limits the user to 10 seconds per recording.

<http://itunes.apple.com/us/app/list-recorder/id381936335?mt=8>

LookTel Recognizer (\$9.99) This app allows those persons having visual impairments or blindness to identify cans, packages, ID or credit cards, DVDs, and similar items. Customers can store images of objects in a library or database, and then point the iPhone's camera at an object and the phone will recognize and describe the item instantly. A barcode scanner is included to provide additional labeling help.

<https://itunes.apple.com/us/app/looktel-recognizer/id501088555?mt=8>

Magnifying Glass with Light (Free) This app converts your iDevice to a magnifying glass. It includes both horizontal and vertical orientation, a built in light, slider zooming from 1.5X - 6X, lighted View, and image Capture

<http://itunes.apple.com/us/app/magnifying-glass-with-light/id406048120?mt=8>

NantMobile Money Reader Previously LookTel Money Reader (Free) – This app identifies coins and dollars. The app uses the camera on the iPhone, to read the denomination of paper money. They are also working on other cutting-edge applications that will expand the technology to reading labels and more. Simply point the camera at the money and the app will read it. You do not need to hold the iPhone still or capture a photo and wait for a result – recognition happens instantly, and in real-time. The app does not require an internet connection.

<http://itunes.apple.com/us/app/looktel-money-reader/id417476558?mt=8>

ScanLife (free) – This app turns your camera's phone into a QR and barcode reader. It scans many 2D barcode options (QR Code, Datamatrix, EZcode) that you find on print ads, packaging, or business cards to launch websites, videos, deals, or contact information. You can create your own bar codes to read any text using QRVouce.net (see description above). For individuals with

vision loss, you can add a QR code to any item to help identify it or its function. It is also great for giving directions for tasks. Put one on the washing machine to provide directions for doing laundry.

<https://itunes.apple.com/us/app/scanlife-barcode-qr-reader/id285324287?mt=8>

Sero (previously iBlink radio) (Free with in app monthly subscription for \$5.99) This free application is designed for the visually impaired. It includes radio stations, podcasts and reading services of special interest to blind and visually impaired persons; as well as their friends, family, caregivers and those wanting to know what life is like without eyesight. Reading services provide narration of newspapers, magazines, periodicals and other print publications including: USA Today, the Wall Street Journal, the New York Times and hundreds more. Podcasts are produced by blind and partially sighted individuals, and cover topics including: broadcasting, computers, radio, technology, Independent Living, Travel, and much more.

<https://itunes.apple.com/us/app/sero-formerly-iblink-radio/id332027117?mt=8>

Talking Scientific Calculator \$4.99 or free to trial - This talking scientific and fraction calculator speaks answers and button names out loud. It uses either the built in voice or your custom voice(s) recorded directly into the iPad. It is advertised as an ideal app for the vision impaired, blind, or anyone looking for an easy to read calculator - with optional speech. The add, subtract, multiply, divide, clear, backspace and memory functions are accessed through large buttons, grouped together. It works with VoiceOver for the fully blind, or has a high contrast options for those with low vision.

<http://itunes.apple.com/us/app/talking-scientific-calculator/id411433609?mt=8>

VM Alert - Video Motion Detector \$1.99 This app detects motion within the range of the camera on the iPad. It can use the rear or front facing camera and will sound a pleasant or alarming audible alert when it detects motion. It can even save images of the motion conveniently to the iPhone camera roll. To use, start the app, aim the camera at the scene to be monitored, and set the iPhone on a stable surface. After about 3-5 seconds of being still, the app will automatically arm. (The app uses the internal accelerometer to determine when it is no longer moving.) While armed, it will alert on any motion seen by the camera. To disarm, simply pick up the phone. It is useful to those who are blind as it notifies them of someone approaching.

<http://itunes.apple.com/us/app/vm-alert-video-motion-detector/id387523411?mt=8>

Visual Braille Lite (free, full version is \$2.99) This app facilitates learning of Braille. Users type in text, and VisualBraille™ converts it into one of several Braille types such as literary Braille (Braille that is written to express standard text or writing).

<http://itunes.apple.com/us/app/visualbraille-lite/id425297495?mt=8>

Aira Vision Sim (Free) This app simulates many common vision losses such as macular degeneration or diabetic retinopathy so that friends and family can understand what the individual with the loss sees. It mimics the eye condition. <https://itunes.apple.com/us/app/aira-vision-sim/id1276859786?mt=8>

VizWiz (Free) This app is a useful app to let blind users utilize sighted friends and family to help them with visual problems in nearly real-time. Users take a picture with their phone, speak a question, and then receive multiple spoken answers. To use, you simply take a picture of any object and record your question. Then select whom you wish to send it to and how (email, IQ Engine webworker, twitter, etc.) Web worker is a human volunteer reviews and answer your question. IQ Engine is a character reader.

<https://itunes.apple.com/us/app/vizwiz/id439686043?mt=8>

WhatsApp Messenger (Free) This is a cross-platform texting app that allows you to send and receive unlimited text messages. It automatically imports your contacts and offers audio notes and video messages, all free. It is accessible and easy to use. There are no data limits and it uses your regular phone number. It even allows group chats and saves any messages you get while not on your phone or off the application so you never miss a text.

<http://itunes.apple.com/us/app/whatsapp-messenger/id310633997?mt=8>

Writing

General Writing

ABC Magnetic (Free to \$1.99 – goes on sale a lot) This app works on ABCs using “magnetic letters” and numbers. It includes 167 different magnets in 6 colors, for a total of 1002 pieces. It allows you to resize and rotate magnets and share magnet pictures that are made.

<https://itunes.apple.com/us/app/abc-magnetic-alphabet-hd-learn/id379404787?mt=8>

ABC Tracer \$1.99 This award-winning app helps children learn to write by tracing on guide lines. It offers fun feedback in numerous activities.

<http://itunes.apple.com/us/app/abc-tracer-alphabet-flashcard/id324616399?mt=8>

Abilipad (\$19.99) This app offers a writing tool including a notepad with word prediction, text-to-speech and a customizable keyboard. This app offers a strong online support and a community of users who share content and implementation ideas.

<https://itunes.apple.com/us/app/abilipad/id435865000?mt=8>

AudioNote Lite Free and full version \$9.99 This app allows the user to take notes and synchronize it with an audio recording. It automatically indexes your content as each note acts as a link to the point at which it was recorded, you can add notes at the time or later. It highlights text during playback, text note application, with copy, paste, etc.; pen mode for drawing or handwritten notes and the ability to export notes and audio via email, over Wi-Fi, or through iTunes (iPad only). AudioNote Lite is limited to 10 minutes of audio per note, and 2 hours total. Upgrading to the full version of AudioNote allows unlimited recording and sharing of notes over Wi-Fi and email.

<http://itunes.apple.com/us/app/audionote-notepad-voice-recorder/id369820957?mt=8>

Bluster (Free) This app encourages development of vocabulary and word understanding. It includes levels for grades 2-4 and the tasks change in difficulty with the grade level. At grade two, players can match prefixes and suffixes, word roots, or homophones. In third grade the

tasks are to match prefixes and suffixes, word roots and homophones. In fourth grade you can match prefixes and suffixes, adjectives, and rhyming words. The words increase in complexity as the game goes on. You can play individually or on a team. The game is set in a thunderstorm so you must deal with tornados and blizzards on occasion.

<https://itunes.apple.com/us/app/bluster!/id416160693?mt=8>

Book Creator (\$4.99) This app is a very popular book writing app. It allows you to add pictures from your camera, recorded speech, video, music, and text. It offers a rich variety of design and layout options. Book Creator lets you write stories with text, audio, pictures and videos. Quickly export to ibooks or dropbox or export as a PDF. Includes a Getting Started tutorial plus online support articles at www.redjumper.net/bookcreator

<https://itunes.apple.com/us/app/book-creator-for-ipad/id442378070?mt=8>

CoWriter (\$34.99) Based on the software developed by Don Johnston, this app offers a writing tool that helps with phonetic/inventive spelling, grammar, and topic-related vocabulary. The app predicts the intended word with a selection of word suggestions using grammar-smart word prediction. These suggestions can be read aloud with a swipe. Selecting the intended word will place it into the document. For feedback while writing (and after writing) built-in text to speech can be used to read letters, words, sentences, and the entire document.

<https://itunes.apple.com/us/app/co-writer/id674099732?mt=8> Also check out:

Cowriter Universal (Free): <https://itunes.apple.com/us/app/co-writer-universal/id915105799?mt=8>

Snap&Read universal (Free) <https://itunes.apple.com/us/app/snap-read-universal/id1179522220?mt=8>

Textkraft lite – Previously Easy Writer Lite (\$1.99) This simple word processing app includes numerous options such as text selection, editing, formatting and more. It allows the user to work on up to three documents at once and switch between them with the touch of a single button.

<https://itunes.apple.com/us/app/easy-writer-lite/id505140759?mt=8>

Abilipad (\$19.99) This app is designed to combine the functionality of a notepad with word prediction, text-to-speech and a customizable keyboard. It features a totally customizable keyboard. Users can create a lower-case letter keyboard, as well as change the font, color, and number of available keys. Words, sentences, and even sounds can be assigned to different keys, making it possible to design a keyboard to fit a student's individual needs and learning process.

<http://itunes.apple.com/us/app/intellipad/id435865000?mt=8>

iWrite Words – \$2.99 or Free lite version with letters a, b, and c and 3 words (cat, cup, owl) only. This app for the iPod Touch, iPhone, and iPad helps the user learn to write letters, numbers and words. The user starts at the icon provided and traces the line, following the numbers provided. This award winning app is designed to teach handwriting while playing a fun and entertaining game. In the game, you help Mr. Crab collect the numbers in sequence by dragging him with your finger - and drawing the letter at the same time. As a reward, when you are correct, a cute drawing appears. Slide the letters into the rotating hole and advance to the next

level.

<http://itunes.apple.com/us/app/iwritewords-handwriting-game/id307025309?mt=8>

Spelling Bee for Lids – previously Little Speller (.99) This app offers spelling practice in an interactive game. This app is unique in its ability to be customized. You can add your own voice, items, pictures, and more.

<http://itunes.apple.com/us/app/preschool-games-little-speller/id422499871?mt=8>

Little Writer (\$.99) This app is a motivating free tracing app with the ability to customize for the user. You can record your own language or add your own words, add your own pictures, and add hints in addition to the basic shapes and short words that come in the app.

<https://itunes.apple.com/us/app/little-writer-tracing-app/id515890480?mt=8>

Montessori Crosswords (\$2.99) – This app is based on the Montessori learning method, and is designed to help children develop their reading, writing, and spelling skills. It uses a set of 320 word-image-audio-phonics combinations and a phonics-enabled movable alphabet. It includes three levels of difficulty.

<https://itunes.apple.com/us/app/montessori-crosswords-spelling/id384334005?mt=8>

Paperport Notes (free) This app offers a digital note taking tool for the iPad that you can type, draw and annotate in. Also use it to combine documents, web content, audio, typed text as well as hand written notes into a single document that you can share. You can type or write free hand notes, use Dragon voice recognition to capture notes by speaking, annotate and mark up documents, search, copy/paste, reorder and bookmarking notes, access and share content. This app combines the flexibility of taking manual notes with pencil and paper, but gives a digital copy without retyping. Many schools are using this app to allow students to annotate (fill in) in a variety of ways- handwriting, text box, highlight, speech to text and then save and send to print via Dropbox or email.

<https://itunes.apple.com/us/app/paperport-notes/id476134017?mt=8>

Penultimate (Free with in app purchases up to \$49.99) This handwriting app for the iPad, gives you the ability to take notes, draw, or share ideas with your finger or a stylus. It offers a way to quickly make notes and email them. It offers different color pens and different paper (3 included or import an image as a template). You can save your writings in an infinite number of named notebooks with an infinite number of pages. Sort and scroll through pages or notebooks. One reviewer noted that she uses it to annotate photos. She takes a picture of her class and then checks off students who have turned in their assignment. She also takes screenshots of apps open and adds notes to parents or students on top.

<http://itunes.apple.com/us/app/penultimate/id354098826?mt=8>

Phatpad (\$4.99) is a word processing app that allows you to type and write. (It has handwriting recognition.) It also lets you save and rename documents. Use it to take pictures of worksheets and have the students complete them by typing or writing.

<http://itunes.apple.com/us/app/phatpad/id406459946?mt=8>

Preschoolers ABC Playground PRO – (\$2.99) This app teaches early letter recognition using six activities including Flashcards, Practice, Write, Word Scramble, Matching and Pairs.
<https://itunes.apple.com/us/app/playground-3-abc-edition/id574794981?mt=8>

Puppet Pals (Free with in app purchases up to \$4.99) Select your puppet characters, a background and begin recording. You can zoom and rotate your characters, choose different backdrops, and more. For the upgrade, you can take pictures of items in your environment or use pictures from your camera roll for characters and backgrounds.
<http://itunes.apple.com/us/app/puppet-pals-hd/id342076546?mt=8>

Sound Literacy \$9.99 This writing app features tiles for counting, ordering, and manipulating phonemes within words. It is designed to facilitate work between a teacher and a student working on phonemic awareness, phonological processing, etc.
<https://itunes.apple.com/us/app/soundliteracy/id409347075?mt=8>

Spelling Notebook Free (Free or .99) Create This app allows you to practice spelling you're your own words or use one of the 100,000 already included. You can hear each word spoken before you spell it. You can record just the word, or even a whole phrase to help you recognize which word to spell. Users get a star for each correct word. Keep multiple word lists and edit them as needed. Can collect and email results of spelling tests.
<https://itunes.apple.com/us/app/spelling-notebook-free/id461225509?mt=8>

Storybuddy2 (.99, free lite version also available) Note that the lite version only lets you create one story while the paid version lets you create five. This app lets you create, read and share stories on the iPad. You can draw a story or import pictures. Add customizable text with the keyboard. You can publish and share your story and flip through its pages like a real book.
<https://itunes.apple.com/us/app/storybuddy-2/id505856601?mt=8>

Storykit (Free) – This app allows you to create an electronic storybook. You can illustrate the story by drawing or using a photo. Sounds can be recorded. You can also upload and share your story with others. The app includes four public domain children's books that you can rewrite and rearrange into your own new story.
<http://itunes.apple.com/us/app/storykit/id329374595?mt=8>

Textkraft (\$5.99) This app is designed as a writing aid to help users identify the right words. It is a text processor for your iPad that serves as an integrated working environment to import, write, correct, research and share text.
<http://itunes.apple.com/us/app/textkraft-deutsch/id419076729?mt=8>

Upad (\$9.99) This app allows you to capture photo of a worksheet and have the student type or write their answers. It does not provide handwriting recognition. It includes palm rest options so you don't accidentally activate the screen when you rest your palm on the device. It has options for note pads with templates for taking notes, writing documents, etc. Book pad allows you to download your favorite books as PDFs and then open them in Upad and write on them, add memos, circle vocabulary words and more. Photo Pad allows you to import photos (including photos of worksheets) and add memos, comments, and more.

<https://itunes.apple.com/us/app/upad/id401643317?mt=8>

Wet Dry Try - Handwriting Without Tears: Wet-Dry-Try Suite for Capitals, Numbers & Lowercase (\$4.99) This app is designed by the handwriting without tears group as part of a three app suite to make handwriting practice fun. Users learn and practice correct formation habits for writing capitals, numbers, and lowercase letters. The app simulates a Slate Chalkboard and Blackboard with Double Lines and helps children learn handwriting skills.

<https://itunes.apple.com/us/app/handwriting-without-tears/id548753732?mt=8>

Writepad \$3.99 for iPhone, \$4.99 for iPad - This app lets you take notes with your own handwriting with an iPad stylus pen or your finger. Its handwriting recognition software will adapt and learn your style of writing. You can also use gestures to select text, cut, copy, paste, and insert special characters.

<https://itunes.apple.com/us/app/writepad-for-ipad/id363618389?mt=8>

Writers Studio (\$4.99) This app features tools to help you create and publish your own books. It includes a text editor, painting tools, and the ability to import graphics. You can add sound through audio recording or importing music.

<http://itunes.apple.com/us/app/writers-studio/id371303544?mt=8>

Writing Wizard \$4.99 – This app is designed to help children learn to trace through a fun motivating system. It is fully customizable and allows data collection through reports and profiles. You can add your own word lists. It has received numerous awards.

<https://itunes.apple.com/us/app/writing-wizard-kids-learn/id631446426>

Office application substitutes:

Pages, Numbers, & Keynote (Free) There are numerous word processing and database apps that try to replicate Microsoft Office, Excel, PowerPoint, etc. I have found pages, numbers and keynote to be adequate substitutes. It should be noted that their interface is completely different and takes time to learn them.

Pages – <https://itunes.apple.com/us/app/pages/id361309726?mt=8&ls=1&v0=www-us-ios-pages-app-pages>

Numbers - <https://itunes.apple.com/us/app/numbers/id361304891?mt=8>

Keynote - <https://itunes.apple.com/us/app/keynote/id361285480?mt=8>

Handwriting apps

Notes Plus-\$9.99, This app offers a number of features to support handwriting. Some features include palm rejections, close up writing mode, numerous language options, background audio recording, automatic shape detection, insert photos, import PDF and DOC files, export to numerous applications with auto backup to drop box. This app also includes support for left handed practice and supports pencil stylus options and VGA-out presentation. Experience for yourself for FREE at <http://INKredibleApp.com>.

<https://itunes.apple.com/us/app/notes-plus/id374211477?mt=8>

DocAS lite version (Free) - This app lets you take notes, annotate PDFs, convert to PDF, do presentations, read documents, record and share. Numerous features are included.

<https://itunes.apple.com/us/app/docas-lite-pdf-converter-annotate-pdf-take-notes-good/id451036875?mt=8>

NotetakerHD – (\$4.99) – This app lets you create pages by writing on the screen with your finger or a stylus. You can write in a larger screen; they are then reduced in size on the screen. It has mutli level undo and redo features as well as an eraser.

<https://itunes.apple.com/us/app/note-taker-hd/id366572045?mt=8>

One Handed Typing

ZenNotes (Free or \$2.99) – This app is a text editor designed for one handed access. The FREE version allows you to listen to background music and manage ZenNotes documents on your iPad. The full version adds e-mail, print and file sharing capabilities. The ZenNotes keypad collapses the three rows of the QWERTY keyboard into six rows so that you can touch type using one hand. The key corresponding to the same finger on the other hand is located directly above, taking advantage of your existing touch typing muscle memory.

<https://itunes.apple.com/us/app/zennotes-free/id539538814?mt=8>

Word Prediction & Writing

Typ-O HD \$9.99 This app features word prediction and text-to-speech. It is designed for individuals who are dyslexic and has a sophisticated spelling error model. The includes synthetic voices (text to speech) to allow the user to hear the word predictions before selecting them and check text before emailing or pasting it into other applications. The iPad version includes spell checking, file management and a selection of four synthetic voices.

<http://itunes.apple.com/us/app/typ-o-hd-writing-is-for-everybody/id372971659?mt=8>

Text to Speech

Firefly K3000 by Kurzweil Education Systems – (Free) This app specializes in text-to-speech reading functions and can be adjusted to different voices, speeds, and pacing accommodations. This app gives individuals who are lacking literacy skills but have cognitive ability to learn from text materials.

<https://itunes.apple.com/us/app/firefly-k3000/id535277727?mt=8>

Prizmo \$9.99 This app lets you scan documents, whiteboards, etc. and share them on the Cloud. It includes OCR in 10 languages, functions, has speech-operated shooting, and has intelligent document interpretation. You can input content from the camera, photo album, or from other apps through copy and paste. No Internet connection is required for image processing and performing OCR. <https://itunes.apple.com/us/app/prizmo-scanning-ocr-speech/id366791896?mt=8>

Web Reader (\$1.99) – This app will read web pages to you. Options let you configure web pages to be read as soon as they are loaded, read pages manually after they are loaded, or use Cut, Copy, & Paste to read only sections of text. You can adjust the volume and the speed at which web content is read. Note, there is no integration with eBook apps like Kindle.
<http://itunes.apple.com/us/app/web-reader-text-to-speech/id320808874?mt=8>

Speech to Text Voice Recognition Apps

Dragon Go! (Free) - Siri herself doesn't actually manage voice recognition a product by Nuance (who makes Dragon) does that. Dragon Go is made by Nuance. It is as accurate as Siri, but not as sophisticated. It offers a voice interface to other web based services such as Google, yelp, etc. It also includes Dragon Diction, so you can dictate messages or longer notes which you can in turn send out via email, Twitter, Facebook, or SMS.
<https://itunes.apple.com/us/app/dragon-go/id442975871?mt=8>

Google Search (Free) - The Google Search app for iOS offers a faster and easier interface for the iPad. It is still the same Google search but results are more easily viewed and images can be viewed in full size. In addition, it offers a voice search feature that is similar to what is found on Android devices. It offers Google Goggles. This allows you to take a picture of what you see to find more information. You can also search nearby to find places near you without typing your location.
<http://itunes.apple.com/us/app/google-search/id284815942?mt=8>

Simplenote Free – This app is useful to keep notes, lists, ideas, etc. Because it utilizes the iCloud, your notes automatically synchronize with your computer and all your devices. Consequently, you can edit right where you left off. You can also use tags, pins, versions, and sharing. After you download it, you will be asked to create a free account. This allows your notes to synchronize with your computer. After you sign up, try creating some notes! Then use your computer to sign in at simplenoteapp.com. All your notes appear there, too. Changes you make will synchronize back and forth automatically. The free version of Simplenote slides a small ad to the top of your note list. If you like Simplenote, but you do not like ads, you can subscribe to Simplenote Premium. <http://itunes.apple.com/us/app/simplenote/id289429962?mt=8>

Siri – voice recognition program that is currently only available for the iPhone 4s. It is rumored that it will be available for the iPad2 and ipod touches in the future. It is currently in beta versions on the iPhone. It is described by apple as an “intelligent personal assistant that helps you get things done just by asking. It allows you to use your voice to send messages, schedule meetings, place phone calls, and more. Siri understands your natural speech, and it asks you questions if it needs more information to complete a task. Siri uses the processing power of the dual-core A5 chip in iPhone 4S, and it uses 3G and Wi-Fi networks to communicate rapidly with Apple’s data centers.” <http://www.apple.com/iphone/features/siri-faq.html>. It is turned on by holding down the home button.

Talk Assist – Free This app is advertised as an alternative speech aid that provides a voice for people who cannot speak for themselves. It uses Text to Speech technology and speaks anything

you type out loud. Phrases are automatically saved to a history tab, and frequently used phrases can be bookmarked for regular use. It is compatible with iPhone, iPod touch and iPad. It requires iOS 3.0 or later. It has only one voice (male). The screen is small (iPhone size) but can be enlarged on the iPad. It does include word prediction and spell checking but it was slow. It does auto capitalize for you and repairs some spelling errors as you type but not most. It speaks the word prediction feature as it types. <http://itunes.apple.com/us/app/talk-assist/id329338159?mt=8>

Shuttervox (Lite- free, full version .99) This app lets you take pictures with your voice. The picture is taken when you say the word “CHEESE”. Instead of pressing the button on the phone, you tap the screen and ShutterVox will listen for your voice command. Paid version includes four additional keywords compared to the Lite version!
<https://itunes.apple.com/app/shuttervox-lite/id453158020?mt=8>

Voice Command Camera free (free) This free app allows you to control the iPad camera with your voice. Say “camera” to turn the camera on and “take photo” to take a photo. Great app for people with mobility issues that might affect their hands and make snapping pictures prohibitively difficult.
<https://itunes.apple.com/us/app/voice-command-camera-free/id547625645?mt=8>

Voice Over (Free- comes installed on iPad) is a screen reader/voice capability built into the Apple iOS (operating system) to help individuals who have low vision or are blind. It is unique in that you don’t need to update it, it works in numerous applications, and offers access to developers. It features numerous accessibility features and is free and a part of all new Macs and the iPhone and iPad. It is a gesture based screen reader. Touch the screen to hear a description, tap two times to open. **Note:** When VoiceOver is turned on, gesture commands change and it speaks everything. It is challenging to shut off. For the blind it offers amazing features and options such as Adjustable speaking rate, over 36 languages built in support for refreshable braille displays, etc. It should be noted that it also contains more gestures than those listed on the voiceover page on your device. Apple's online iPad User Guide at the link below explains the options in Chapter 16: Accessibility.
https://www.apple.com/voiceover/info/guide/_1124.html

Mind Mapping (organizing thoughts for writing)

iBrainstorm (Free) This app allows you to brainstorm and share ideas across multiple devices.
<http://itunes.apple.com/us/app/ibrainstorm/id382252825?mt=8>

iWordQ US – (\$20.99) This is a writing and reading application that helps individuals who are struggling with these subjects. For the writing mode there is a text editor that gives speech feedback when errors are made. In the reading mode, the text is presented in such a way that improves readability.
<https://itunes.apple.com/us/app/iwordq-us/id557929840?mt=8>

Mindjet for iPad Free – This app lets you organize your thoughts, ideas, tasks, into visual maps that can be categorized, labeled and organized. It features cool finger slide creation so that you can just slide your finger to create a new topic. It integrates with Mindjet Connect and DropBox where you can see all folders and files. It is easy to organize your information by dragging and dropping topics. It offers the ability to edit, cut, copy, paste, and delete topics as well as expand and collapse branches. This app offers a lot for free! <http://itunes.apple.com/us/app/mindjet-for-ipad/id440272860?mt=8>

Accessories

Access

Stylus

You need a special stylus for the iPad, iPhone, and iPod touch because the touch screen works with electrical conductivity.

- Pogo Stylus. <https://tenonedesign.com/pogo.php>
- Cosmonaut Wide Grip Stylus - Amazon carries it - it is super <http://www.amazon.com/Cosmonaut-Wide-Grip-Stylus-Capacitive-Screens/dp/B007EW9ISM>
- Homemade stylus options on Etsy.com, company name is Shapedad http://www.etsy.com/shop/shapedad?ga_search_query=ipad+stylus&ga_view_type=gallery&ga_ship_to=US&ga_ref=auto1&ga_search_type=all&ref=sr_gallery_5
- Pinterest boards also contain options others have organized for us: <http://pinterest.com/goodwitching/ipad-stylus-options/>

Head Pointers, Cordless Switches and Switch Interfaces

RJ Cooper sells and provides direction to make a head pointer for the I-products. Because the iPad is not pressure-sensitive, an adaptation that is responsive to small amounts of electricity that your body produces is required. Price ranges from \$30 - \$200.

<https://store.rjcooper.com/>

RJ Cooper \$99 makes cordless switch access for iPad. It allows you to plug any switch(es) into it for cause/effect, switch timing practice, AAC auto-scan and step-scan, spelling, and any other apps. It works through Bluetooth 2.1 for simple pairing and range of over 50 ft. Any app that has been programmed for switch access can use the iPad Super Switch.

<https://store.rjcooper.com/collections/switches>

Cases

AMDi's iAdapter, this case is rugged and has speakers in it.

<http://www.amdi.net/>

Big Grips :This large case allows the user to hold onto the side handles or stand the iPad up. This case is great for those with fine motor challenges as it has a wide grip area. Some reports

on the web indicate that the iPad popped out too easily but we have not found this to be the case.
<http://biggrips.com/>

GumDrop - This case also fully encloses the iPad and all its ports. It has a screen protector that can be popped out and replaced. Reports indicate that the GumDrop can accidentally adjust volume but it is one of the most protective and sturdy and includes a rigid screen protector. Costco currently carries them online for \$60.
<http://www.gumdropcases.com/apple-ipad-2-cases.html>

Otterbox Defender is a strong durable drop proof case.
<http://www.otterbox.com/apple-ipad-cases/apple-ipad-cases,default,sc.html?cid=GOAPIPADT10&gclid=CNuUktmCo60CFQduhwodeUtAmQ>

RJ Cooper Carrying Case - RJ Cooper makes a leather carry case with a strap that works with the iPad. You can attach it in landscape or portrait mode. \$79
<https://store.rjcooper.com/collections/protection-2>

Trident's Kraken: This is a great case for the original iPad because it has a wide grip or "handle" area on the sides allowing for a good grip without touching the screen.
<http://www.amazon.com/Trident-Kraken-Hybrid-Case-iPad/dp/B003ZWSTGW>

Mounting Equipment

Lock Line: This lock line mounting equipment allows you to affix the iPad/iPod to the acrylic plate using duolock and lockline. It ranges in price from \$35 - \$100 depending on the mount you purchase. It is sturdy and durable but adjusts easily and quickly. They have a variety of clamps some stronger than others. They are useful for clamping to a wheelchair, bed, desk, etc. They have both a flexible and rigid arm for mounting.
<http://www.modularhose.com/applications/mh-at-kits>



Handmade Mounting system using flag poles holders:

Therese Willkomme from the New Hampshire Tech Act Program (ATinNH) has created numerous how-to videos for creating iPad mounts. These videos are posted on YouTube at the following link:
<http://www.youtube.com/playlist?list=UUOhlN8JnAwdYrhWEdWpmE3g&feature=plcp>

Tips & Tricks:

Cleaning the iPad

You can use ZAGG Foam. Sold at Best Buy, Target and on Amazon. It is approximately \$10 for a can, but it lasts.
Here is a link https://www.zagg.com/us/en_us/cases

Restricting students from deleting apps

Upgrade your OS if you have not already. In the settings menu under general there are restrictions. Activating this requires you to choose a pin. From there you can turn on a restriction for deleting apps. Go to Settings>General>Restrictions. In the first sections there is a toggle for Deleting Apps - toggle it to OFF

Stopping Access to the Home Button

The easiest way is to purchase a case such as the Bub Cap which covers the home button or to purchase the Home Button Guard made by Lasered Pics <http://bubcap.com/>. With these covers, the adult can still push it to get home but it requires a harder push. There are also several cases that block the home button such as the iAdapter case by AMDI. <http://www.amdi.net/iadapter>

Set the screen to never lock

Open the settings, open display and brightness, choose auto-lock, change the amount of time before the screen locks (2, 5, 10, 15 minutes or never. Note: This will drain your battery rather quickly.

Lock screen to not rotate

Under settings, scroll down to lock rotation (use side switch to:) and check the item. Now your side on off (normally mute) button is a toggle to lock and unlock the rotation feature. Note: you can also return this button to mute by checking the mute option below lock rotation. This process varies between devices so google how to lock screen rotation and the name of your device.

Stopping “notifications”

When you download an app it may ask you if you want to allow “push notifications”. If you choose allow, you will periodically get texts from the app telling you different things. Everything from Merry Christmas to a reminder to upgrade or do a task. To shut this off, go into settings, notifications, and choose the app that is in the notification center that you do not want content from. Press the name of the app and slide the notification bar to off.

Shutting off internet access or access to certain apps

On Device - Under settings, choose restrictions. If it asks for a passcode, you must know this code to get in. Turn off access to certain apps such as safari, you tube, camera, facetime, itunes, Ping, installing and deleting apps. Here you can also restrict in-app purchases, and monitor the level of content (g rating) for apps, music, TV, etc.

OurPact from Parentsware. (Free). A good parental control app (iOS) that enables parental involvement in children's device habits through Internet and application blocking. It allows a parent to designate specific apps (such as games, etc) to be locked out after a set time, while allowing other apps (such as ADL and AAC) to remain accessible. Allows parents to manage their child’s screen time at any time, and from anywhere. You can also pair your family’s iPads, iPhones, and iPods to OurPact, you have the power to manage your entire family’s screen time & device use from one powerful application. Use it to: block Internet, apps, schedule Internet and app use, create custom, recurring schedules for any activity or time frame, manage device access

on Wi-Fi and all cellular connections (3G, 4G LTE, etc.) and block distracting 3rd Party Apps: Block Facebook, Block SnapChat, Block Instagram, Block Twitter, etc.

<https://itunes.apple.com/us/app/ourpact-parental-control/id954029412?mt=8>

Disable the ability to switch between apps

Under settings, choose general, and then turn multitasking gestures to Off. This process varies between devices so google how to lock screen rotation and the name of your device.

Controlling a smart board with the iPad

Splashtop-Personal - This app allows you to connect to the computer that operates the SmartBoard via WiFi. You have to download Splashtop Streamer to your computer and set up a password. Once set up, you select the APP Splashtop on the iPad, it will connect to your computer and become the operator of the smartboard. You can even use this with a student who has physical limitations so they can participate from an iPad while the other students can still come to the smartboard.

<https://itunes.apple.com/us/app/splashtop-personal/id382509315?mt=8>

Sharing the iPad screen

You can share live what is on the screen of your camera by connecting your iPad to a presentation device such as a data projector or TV screen in your classroom. This can be done:

- wirelessly with an Apple TV unit.
- through using an iPad adaptor to make a wired connection e.g. iPad to VGA.
- through software such as [Reflection](#) (see below) that connects your iPad wirelessly to a computer wired to your presentation device.

Reflector-Director (\$6.99) - Reflector Director allows you to remotely manage devices connected to Reflector 2. Show and hide devices, emphasize screens, enable full screen or change frames. Changes you make with Reflector Director appear instantly on your computer.

<https://itunes.apple.com/us/app/reflector-director/id974747588?mt=8>

Doceri (Free) - This app will mirror the computer (thus the SmartBoard) on the iPad.

<https://itunes.apple.com/us/app/doceri-interactive-whiteboard/id412443803?mt=8>

Stage (Free) - With Stage, you can use your iPad to sketch over live video of objects, student work, and other projects in real-time. It's available for free on the app store and you can find

more information here if you'd like: <https://sites.google.com/site/stageipadapp/>

<https://itunes.apple.com/us/app/stage-interactive-whiteboard-and-document-camera/id584574701?mt=8>

Using an AAC app with the iPhone

Most apps will work on the iPhone when used as a speakerphone. Start the AAC communication app, prepare the first sentence, switch to the phone app, dial the number and click the speaker button, then quickly switch back to the AAC app (double click home button to select app).