iPAD 101
Hardware and Built-in Software Features
Presented by: Therese Willkomm, PhD, ATP – theresew@unh.edu

- Power button:
    - Once to put it into sleep mode or turn it on.
    - Hold button in for five seconds + swipe to right to turn off
    - Hold button in for five seconds to turn it on.
    - Hold power button and home button in simultaneously for 10 seconds to do a hard reset if you can't get the device to turn on.
    - Hold the power button and home button simultaneously for one second to take a screen shot. You will find the picture in your photo's folder.
- Home Button –
    - Single click to come back to the home screen
    - Single click plus swipe to the right for searching apps
    - Double click to multi task
        - Double click plus swipe to the right to play music or increase the brightness of the screen
    - Triple click to turn accessibility features on and off
- Slide Switch – This button can be configured for Mute or lock rotation
- Volume button – Note sometime you might accidentally hit this button and turn everything down
- Speaker jack for headphones
- Camera front and Back
- Mic – be careful not to cover this mic with your hand when you are recording

One finger select, drag and Tap

- **Copy and Paste** – Tap with one finger and hold until the word turns blue. Then lift finger and put it down again and drag downward to highlight the paragraph. Then select copy or speak if enabled. Note this doesn't work if voice over is turned on. To past open an app that has the ability to enter text and hold finger down on line and then select paste.
- **Selecting an Image** - Hold finger down over a picture, image or video clip to save it or email it.
- **Editing a document** - Hold a finger over a sentence to place your finger in the correct place when you want to make a correction or addition.

Changes you can make in the settings

- Sometime auto correction can be annoying. You can turn this off in settings under keyboard options.

- Turn Violence on and off under setting by selecting the specific app
- To update apps selected on other devices on the same account – Select Store and then turn on your automatic Downloads.
- Bluetooth – Setting up devices – remember to turn on the external device first so that it can be found and pared then remember to select the device once it is discovered.
- Set auto lock to never when teaching so the iPAD doesn't keep turning off.
- Restrictions: Enable Restriction for those apps or features that you do not want anyone to mess with.

Organizing, finding, deleting, installing, and restricting apps

- Putting them into folders – hold and drag
- Deleting and reinstalling apps
- Reset button for putting apps in alpha order
- Choosing your most popular apps to be at the bottom
- Searching for apps on your iPAD
- Auto update apps
- Restricting apps

Pictures and Video

- The Camera – Picture and Video Taking and organizing into albums.
- Video imported verses video taken with the camera
- Capturing screen shots
- Capturing images on the internet
- Emailing pictures and video

Standard Symbols and what do they mean

- Deleting, emailing, adding, sending

Settings

- Settings for purchased apps
- General Settings
  - Bluetooth
  - Auto-Lock
  - Restrictions
  - Multitasking Gestures
  - Keyboard
  - Accessibility
    - Vision - Voiceover, Zoom, Large Text, White on Black
    - Hearing
    - Physical and Motor – Through Assistive Touch, and Guided Access

iPAD Accessories and Adaptations

Compiled by Therese Willkomm, PhD., ATP- 603-491-6555 theresew@unh.edu
For a copy of this handout go to:
http://www.iod.unh.edu/PriorityAreas/assistivetechnology/resources/iPadApplicationsAccessoriesandModifications.aspx

- Jambox by Jawbone – Red Bluetooth Speaker - $199
- Lasered Pics – custom key guards - $19.95
- Gumdrop iPad Case – For kids who throw IPADs and might drool - $59.95
- Big Grips iPad Case – For Kids who like to throw iPAD - $34.95
- Fintie Casebot Kiddie Series Light Weight Shock Proof Handle Case for iPad 4th Generation with Retina Display, iPad 3 & iPad 2
- Invisableshield by Zagg – to protect your iPAD screen – pain to put on yourself – $18.83
- Ivisor by MOSHI – protects your iPAD screen and is much easier to put on -$24.00
- Bluetooth Switch Interface from RJ Cooper – a bit on the glitchy side with some apps -$99
- Blue2 *Bluetooth* iPad *Switch* Interface – excellent switch works with sounding board AAC app-$135
- RSLSteeper Switch, The Perrero – used for switch scanning and activitation - $279
- Apple iPad Camera Connection Kit – transfering pictures from a camera to iPAD - $29.95
- Seasucker – Mounting the iPAD on a table - $104.99
- OJO video converting software – converting videos to mp4 and adding to itunes library for sincing later
- ModularHose.com AT iPad Kit – Mounting iPAD to table or a wheelchair - $75
- Kensington KeyFolio Bluetooth Keyboard – my favorite - $103.42
- iKeyboard – Plastic overlay with auditory and Kenethetic feedback - $35
- Apple Bluetooth keyboard for iPAD – $67
- Apple TV – $94.99 and HDMI compatible Projector $279-$550 – allow the iPAD to project wirelessly
- Apple VGA adapter to present from IPAD 2 or 3 - $29
- Lightning to VGA Adapter for iPAD 4 Generation, iPhone 5 and iPAD Mini - $49
- Apple Digital AV Adapter – View iphone 4S on HDMI compatible display - $39
- Cables to Go TruLink 2-Port USGA Monitor Switcher/Extender with Audio – if you are presenting from multiple devices - $75.24
- Round Tube Clamp Kit from Modularhose.com – clamping ¾ inch loc-line or ¾ inch PVC tubing to wheelchar - $39
- Bigkeys Keyboard with apple camera kit – using USB port
- BubCap – to block the home button – from papercliprobot.com – 4 for $5.00
- iPAD stylus – for writing on the iPAD as low as $1- $6.00 found at target or online
- Targus Stylus+Pen+Lazer Pointer –when presenting on apps the lazer is useful for pointing out features $19.98
- Use Apple TV with HDMI compatible LCD projector to project wireless – Use Bluetooth. If you plan to use your wifii connection talk with your IT department
- iBackFlip.com: http://ibackflip.com/
- Switchamajig – Operate Switch adapted toys and remote control toys – $279
- Sphero Ball – Robotic Ball – Use with iPAD - $129
- Up by Jawbone - $125
- Phillips insite Wireless cameras - $119
- **Belkin WeMo Switch**
- Pocketfinder GPS

- Stick N Find – Finding keys, cellphone and other objects.
- The Tile App – Finding misplace objects
- **HP Photosmart 7520 e-All-in-One Printer**
- **HDMI Adapter for iPAD plus an HDMI TV to mirror and Magnify**

Therese Willkomm's iPAD Inventions

Available from the Institute on Disability – IOD Book Store - 603-862-4320 - Or contact iodbookstore.org

- **AT PAD stand – Flexible stand for iPAD and other Devices – $99.00**
- Eileen – for Supporting an iPAD
- Slanta-Lean – Transformer – for iPADs, books, slant board, sitting, and scanning and reading
- Assistive Technology Solutions in Minutes Book II – Ordinary Items, Extraordinary Solutions by Therese Willkomm, PhD, ATP – This book contains a DVD of 115 "How-to" Video Clips. Book contains a chapter on 50 ways to adapt an iPAD

Other materials used by Dr. Willkomm to Adapt the iPAD

- Loc-Line
- Corrogated Plastic
- Velcro Rapid Strap Kit
- Doublesided foam Tape
- Industrial Velcro
- Corner Guard
- UGlu
- Acrylic
- Polyester Mylar
- Foamies
- Remo II – repositionable tape
- Koffler Soft pebble non-slip tape
- 17" Industrial Twist Ties

Best Sites to Help Select Apps

Compiled by Therese Willkomm, PhD, ATP- 603-491-6555 or theresew@unh.edu 10-21-2013

Also down load this document at ATinNH.org – click on resources

Website for Evaluating & Selecting AAC Apps

- Decision Making Chart to Select Apps - http://www.twowaystreet.net.au/wp-content/uploads/2012/12/CHOOSING-APPS-diagram-Final.pdf
- Symbol Picture Apps - http://www.janefarrall.com/aacsymlist.html
- Symbols/Text to Speech Apps: http://www.janefarrall.com/appssymtextlist.html
- Text Based Apps: http://www.janefarrall.com/appstextlist.html
- Janefarrals Site - http://www.janefarrall.com/aacappslist.html
- Switch Accessible apps: http://www.janefarrall.com/html/resources/Switch_Accessible_Apps_for_iPad.pdf
- AAC Tech Connect – Put in the Features http://www.aactechconnect.com/
- Complete guide to educational and special needs apps http://www.oneplaceforspecialneeds.com/main/library_special_needs_apps.html
- http://apps4stages.wikispaces.com/

Apps for Autism

- Autismspeaks App List: http://www.autismspeaks.org/autism-apps
- iPad Apps & Resources for People With Autism : Reviews, Links, Prices: https://spreadsheets.google.com/pub?key=0AjbIta8OTS0KdHRMVWx0Q3pvOWRXRXBfd01jc3lqakE&hl=en&single=true&gid=0&output=html
- Autism Apps - http://itunes.apple.com/us/app/autism-apps/id441600681?mt=8
- Autism Wheel http://ausm.s3.amazonaws.com/docs/ASDAppWheel.pdf?javer=1307140554

Other Resources for Selecting Apps

- Using Blooms Revised Taxonomy for Evaluating Apps http://langwitches.org/blog/2011/08/21/blooms-taxonomy-and-ipad-apps/
- Blooms Taxonomy with Apps http://teachwithyouripad.wikispaces.com/Blooms+Taxonomy+with+Apps
- AN EDUBLOG ABOUT INTEGRATING TECHNOLOGY INTO THE CLASSROOM. http://ilearntechnology.com/?p=4025
- The OT mTool Kit resource – review of apps and mobile device resources for OT's working with children and adults. http://otswithapps.com/
- "There's A Special App For That" http://www.inov8-ed.com/category/special-app-for-that/

Best Sites to Help Select Apps

Compiled by Therese Willkomm, PhD, ATP- 603-491-6555 or theresew@unh.edu 11-15-2013

Also down load this document at ATinNH.org – click on resources

Website for Evaluating & Selecting AAC Apps

- Decision Making Chart to Select Apps - http://www.twowaystreet.net.au/wp-content/uploads/2012/12/CHOOSING-APPS-diagram-Final.pdf
- Symbol Picture Apps - http://www.janefarrall.com/aacsymlist.html
- Symbols/Text to Speech Apps: http://www.janefarrall.com/appssymtextlist.html
- Text Based Apps: http://www.janefarrall.com/appstextlist.html
- Janefarrals Site - http://www.janefarrall.com/aacappslist.html
- Switch Accessible apps: http://www.janefarrall.com/html/resources/Switch_Accessible_Apps_for_iPad.pdf
- AAC Tech Connect – Put in the Features http://www.aactechconnect.com/
- Teaching Learners with Special Needs – Periodic Table of AAC apps - http://teachinglearnerswithmultipleneeds.blogspot.com/2012/10/the-periodic-table-of-aac.html

Apps for Autism

- Autismspeaks App List: http://www.autismspeaks.org/autism-apps
- iPad Apps & Resources for People With Autism : Reviews, Links, Prices: https://spreadsheets.google.com/pub?key=0AjbIta8OTS0KdHRMVWx0Q3pvOWRXRXBfd01jc3lqakE&hl=en&single=true&gid=0&output=html
- Autism Apps - http://itunes.apple.com/us/app/autism-apps/id441600681?mt=8
- Autism Wheel http://ausm.s3.amazonaws.com/docs/ASDAppWheel.pdf?javer=1307140554
- Update to the Wheel - http://www.ausm.org/images/docs/AppWheelV2.pdf

Other Resources for Selecting Apps

- Using Blooms Revised Taxonomy for Evaluating Apps http://langwitches.org/blog/2011/08/21/blooms-taxonomy-and-ipad-apps/
- Blooms Taxonomy with Apps http://teachwithyouripad.wikispaces.com/Blooms+Taxonomy+with+Apps
- AN EDUBLOG ABOUT INTEGRATING TECHNOLOGY INTO THE CLASSROOM. http://ilearntechnology.com/?p=4025
- The OT mTool Kit resource – review of apps and mobile device resources for OT's working with children and adults. http://otswithapps.com/
- "There's A Special App For That" http://www.inov8-ed.com/category/special-app-for-that/
- QIAT – Resource Documents with Apps - http://indicators.knowbility.org/resource-bank.html
- UDL Placemat of Apps - http://indicators.knowbility.org/docs/resourcebank/UDL_Placemat_BWelsford_V2.pdf
- AppCrawler - http://appcrawlr.com/
- Apps for Stages - http://apps4stages.wikispaces.com/
- Complete guide to educational and special needs apps http://www.oneplaceforspecialneeds.com/main/library_special_needs_apps.html
- Apps for Learning Disabilities - http://dyslexiahelp.umich.edu/tools/apps

Apps for Students with Autism Spectrum Disorders

When looking for apps for students on the autism spectrum (ASD), it is important to look at all educational apps and not just those that are tagged as autism apps. They have many of the same learning needs that other students have. This list was developed to provide apps based on common learning characteristics and traits that are typical for students with ASD. It is important to remember that all students learn differently and selecting apps should be based on the unique learning needs of the student.

This list is only a sampling of apps available for each skill area. This is not, nor is it meant to be a definitive list. This list is intended to give you a starting place and a rationale for picking certain apps.

Developed by Mark Coppin
October 2012

"Design based on the Padagogy Wheel designed by Allan Carrington and modified by Cherie Pickering"

Legend

- ◯ Common Learning Characteristics
- 🟢 Common Learning Traits
- 🟠 App Categories
- ◯ Apps

Wheel — Inner segments (Common Learning Characteristics)

Behavior · Communication · Social Skills · Difficulty with traditional Learning Methods · Sensory Sensitivity · Need for Sameness or Routine

Behavior (Common Learning Traits)
Hyperactive · Easily Frustrated · Generalization · Impulsive · Self Control · Explosive · Difficulty with Personal Management

Communication (Common Learning Traits)
Echolalia · Difficulty with Grammar · Difficulty Expressing Needs · Rigid Language · Difficulty with Conversations · Limited Use of Language · Poor Vocabulary · Difficulty with Receptive Language

Social Skills (Common Learning Traits)
Lacks Common Sense · Difficulty Problem Solving · Lack of Safety Awareness · Poor Eye Contact · Difficulty Identifying Emotions · Difficulty with Auditory Processing

Need for Sameness or Routine (Common Learning Traits)
Organization · Visual · InFlexible · Difficulty Generalizing · Rigid Routines · Ritualistic

Sensory Sensitivity (Common Learning Traits)
Sleep Issues · Difficulty Motor Processing · Sensitive to Sound · Under Active · Over Active · Tactilely Sensitive · Food Sensitivity

Difficulty with traditional Learning Methods (Common Learning Traits)
Splinter Skills · Difficulty Summarizing · Developmental Delays · Visual Learners · Concrete Learners · Prefer Sequential Info · Difficulty Synthesizing · Difficulty Problem Solving · Difficulty Generalizing

App Categories

Behavior
Behavior Tracking Apps · Visual Schedules Apps · Behavior Management Apps · Video Modeling Apps · Reward System Apps · Visual Timer Apps · Self Management Apps

Communication
Text-to-Speech Apps · Language Development Apps · Conversation Apps · Sentence Construction Apps · Choice Making Apps · AAC Apps · Articulation Apps · Vocabulary Apps

Social Skills
Video Modeling Apps · Social Script Apps · Social Skills Apps · Eye Contact Apps · Story Telling Apps · Self Care Apps

Need for Sameness or Routine
Visual Schedules Apps · Video Modeling Apps · Picture Schedule Apps · Sequencing Apps · Organization Apps · Visual Timer Apps · Choice Making Apps

Sensory Sensitivity
Auditory Training Apps · White Noise Apps · Fine Motor Apps · Writing Apps · Sensory Apps · Medical Apps

Difficulty with traditional Learning Methods
Video Modeling Apps · Sequencing Apps · Generalization Apps · Organization Apps · ABA Apps · ePub Apps · Literacy Apps · Math Apps · Time Apps · Life Skills Apps

Apps (outer ring)

Articulation Scenes · Proloquo2Go · Conversation Builder · Answers:YesNo HD · TapSpeak Sequence Plus · ArtikPix · Fun with Directions HD · Speak it! Text to Speech · Speech with Milo - Verbs · Sentence Builder for iPad · Word Wizard · Behavior Tracker Pro · ChorePad HD · Video Scheduler · Emotions from I Can Do Apps · Time Timer iPad Edition · Social Express · iCreate...Social Skills Stories · iReward · Look into my Eyes · Choiceworks · Pictello · iEarnedThat · AutismXpress · BehaviorLens · Social Skill Builder · Video Scheduler · Potty Training Social Story · Win A Spin HD · iChoose · Everyday Social Skills HD · StoryPals · Time Timer iPad Edition · Injini · DTT/ Autism Words · Choiceworks · Abilipad · ChorePad HD · iDress for Weather · iPrompts XL · iHomework · SpellBoard · Special Words · ABA Sight Words · ChoiceBoard - Creator · Math Bingo · Video Scheduler · AppWriter US · First Words Deluxe · First Then Visual Schedule · Book Creator for iPad · MeMoves · Visual Routine · EASe Pro Listening Therapy · Cause and Effect Sensory Light Box · Dexteria · Ambiance · Awareness! The Headphone App · Shelby's Quest · Relax Melodies Premium HD · Go Go Games · iWriteWords

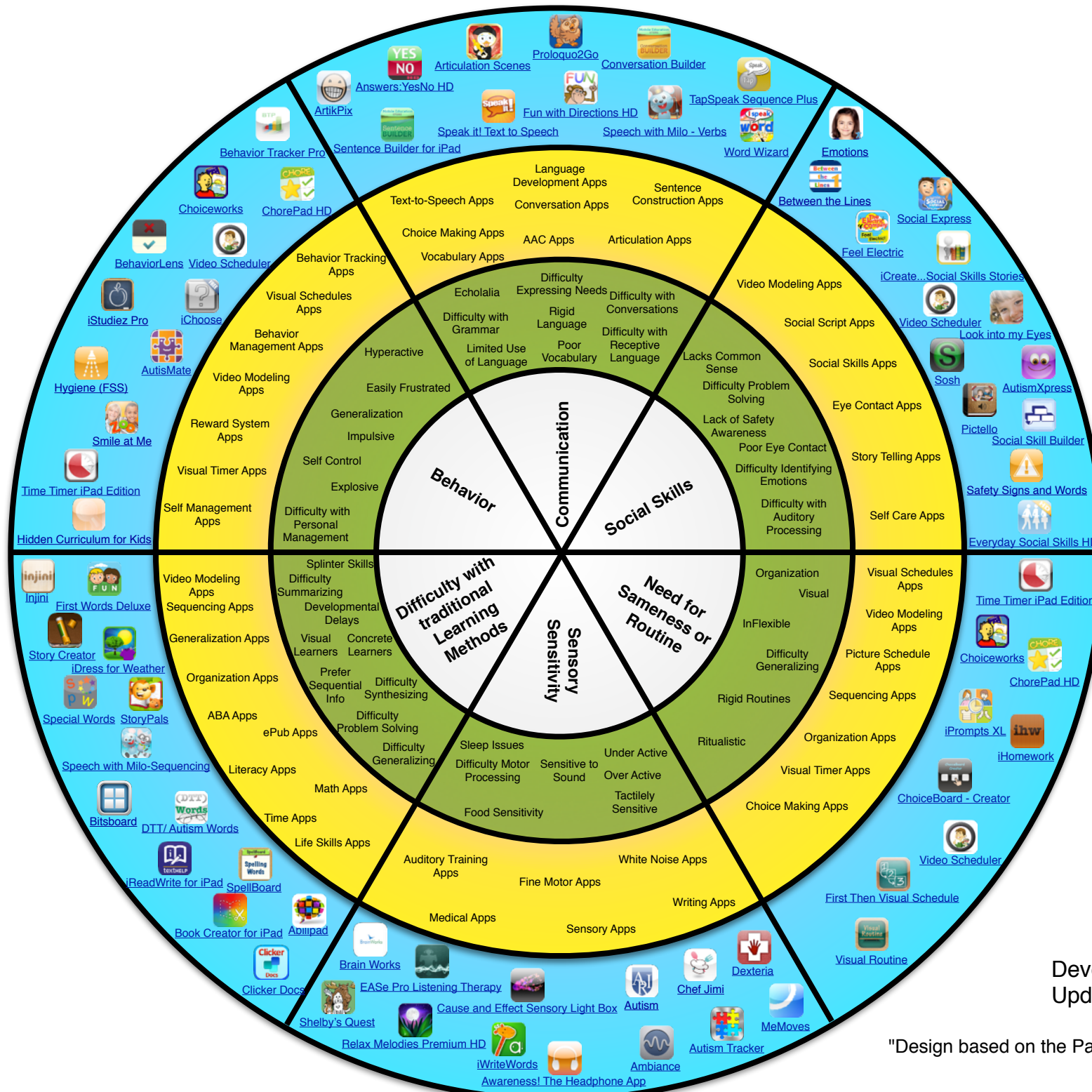# Apps for Students with Autism Spectrum Disorders V.2

When looking for apps for students on the autism spectrum (ASD), it is important to look at all educational apps and not just those that are tagged as autism apps. They have many of the same learning needs that other students have. This list was developed to provide apps based on common learning characteristics and traits that are typical for students with ASD. It is important to remember that all students learn differently and selecting apps should be based on the unique learning needs of the student.

This list is only a sampling of apps available for each skill area. This is not, nor is it meant to be a definitive list. This list is intended to give you a starting place and a rationale for picking certain apps.

⬤ Common Learning Characteristics (white)
⬤ Common Learning Traits (green)
⬤ App Categories (yellow)
⬤ Apps (blue)

Developed by Mark Coppin
Updated October 2013

"Design based on the Padagogy Wheel designed by Allan Carrington and modified by Cherie Pickering"

© Mark Coppin 2012

Wheel segments (center, white)

Behavior · Communication · Social Skills · Difficulty with traditional Learning Methods · Sensory Sensitivity · Need for Sameness or Routine

Behavior

Common Learning Traits: Hyperactive · Easily Frustrated · Generalization · Impulsive · Self Control · Explosive · Difficulty with Personal Management

App Categories: Behavior Tracking Apps · Visual Schedules Apps · Behavior Management Apps · Video Modeling Apps · Reward System Apps · Visual Timer Apps · Self Management Apps

Apps: Behavior Tracker Pro · Choiceworks · ChorePad HD · BehaviorLens · Video Scheduler · iStudiez Pro · iChoose · Hygiene (FSS) · AutisMate · Smile at Me · Time Timer iPad Edition · Hidden Curriculum for Kids

Communication

Common Learning Traits: Echolalia · Difficulty Expressing Needs · Difficulty with Conversations · Difficulty with Grammar · Rigid Language · Difficulty with Receptive Language · Limited Use of Language · Poor Vocabulary

App Categories: Language Development Apps · Conversation Apps · Sentence Construction Apps · Text-to-Speech Apps · Choice Making Apps · AAC Apps · Articulation Apps · Vocabulary Apps

Apps: Articulation Scenes · Proloquo2Go · Conversation Builder · Answers:YesNo HD · ArtikPix · Fun with Directions HD · TapSpeak Sequence Plus · Speak it! Text to Speech · Speech with Milo - Verbs · Sentence Builder for iPad · Word Wizard

Social Skills

Common Learning Traits: Lacks Common Sense · Difficulty Problem Solving · Lack of Safety Awareness · Poor Eye Contact · Difficulty Identifying Emotions · Difficulty with Auditory Processing

App Categories: Video Modeling Apps · Social Script Apps · Social Skills Apps · Eye Contact Apps · Story Telling Apps · Self Care Apps

Apps: Emotions · Between the Lines · Social Express · Feel Electric · iCreate...Social Skills Stories · Video Scheduler · Look into my Eyes · Sosh · AutismXpress · Pictello · Social Skill Builder · Safety Signs and Words · Everyday Social Skills HD

Need for Sameness or Routine

Common Learning Traits: Organization · Visual · InFlexible · Difficulty Generalizing · Rigid Routines · Ritualistic

App Categories: Visual Schedules Apps · Video Modeling Apps · Picture Schedule Apps · Sequencing Apps · Organization Apps · Visual Timer Apps · Choice Making Apps

Apps: Time Timer iPad Edition · Choiceworks · ChorePad HD · iPrompts XL · iHomework · ChoiceBoard - Creator · Video Scheduler · First Then Visual Schedule · Visual Routine

Sensory Sensitivity

Common Learning Traits: Sleep Issues · Sensitive to Sound · Under Active · Difficulty Motor Processing · Over Active · Food Sensitivity · Tactilely Sensitive

App Categories: Auditory Training Apps · White Noise Apps · Fine Motor Apps · Writing Apps · Medical Apps · Sensory Apps

Apps: Brain Works · EASe Pro Listening Therapy · Cause and Effect Sensory Light Box · Shelby's Quest · Relax Melodies Premium HD · iWriteWords · Awareness! The Headphone App · Chef Jimi · Dexteria · Autism · MeMoves · Ambiance · Autism Tracker

Difficulty with traditional Learning Methods

Common Learning Traits: Splinter Skills · Difficulty Summarizing · Developmental Delays · Visual Learners · Concrete Learners · Prefer Sequential Info · Difficulty Synthesizing · Difficulty Problem Solving · Difficulty Generalizing

App Categories: Video Modeling Apps · Sequencing Apps · Generalization Apps · Organization Apps · ABA Apps · ePub Apps · Literacy Apps · Math Apps · Time Apps · Life Skills Apps

Apps: Injini · First Words Deluxe · Story Creator · iDress for Weather · Special Words · StoryPals · Speech with Milo-Sequencing · Bitsboard · DTT/ Autism Words · iReadWrite for iPad · SpellBoard · Book Creator for iPad · Abilipad · Clicker Docs

Gardner's Multiple Intelligences for iPads

Intrapersonal
- NoteShelf
- Day One
- Popplet
- Idea Mapper
- WordPress
- Word Collage
- Faces iMake
- Mobile RSS
- iBook

Interpersonal
- Google Plus
- Facebook
- WhiteBoard Pro
- JabberPad
- Lino
- Draw Something
- VoiceThread
- Skype
- HootSuite

Visual Spacial
- Phoster
- Skitch
- Pinterest
- Google Earth
- iThoughts HD
- PicCollage
- Stack the Countries
- Corkulous
- Motion Math

Musical
- Poetry Creator
- Sound Notes
- Notability
- Thumb Jam
- Garageband
- Music for Little Mozarts
- MadPad
- Singing Fingers
- Animoto

Linguistics
- Speech Journal
- Little Story Maker
- Comic Story
- Pages
- Book Creator
- Explain Everything
- iMovie
- Audioboo
- ScreenChomp

Logical Mathematical
- Numbers
- Geared
- Cut the Rope
- TanZen
- CargoBot
- TinkerBox
- Geometry Pad
- Math Doodles
- Diigo

Bloom's Taxonomy for iPads

Creating
Audioboo | iMovie | ComicBook! | ReelDirector | SonicPics | Animoto | Puppet Pals | Toontastic | Doink

Evaluating
HootSuite | Skype | Mobile RSS | Science 360 | Zite | FlipBoard | Instapaper | Goodreads | Wunderlist

Analyzing
iThoughts HD | Lino | Popplet | Today's Documents | Digo | Explain Everything | 3D Cell Simulation | GoSky Watch | GoDocs

Applying
ShowMe | Poetry Creator | Keynote | Visualize | Viz | Posterous | ZigZag Board | Xperica | GearHD

Understanding
ScreenChomp | Motion Math | 123 Charts | Idea Sketch | Corkulous | Blogsy | Good Reader | Touch Draw | Pages

Remembering
iBook | Noteshelf | Stack the Countries | Evernote Peek | NxtApp 4Kids | Ansel & Clair's Adventure | Word Seek HD | eClicker | Globe

The Digital Learning Farm: Apps for iPads

Curriculum Reviewer
- AudioMemos
- BookCreator
- Audioboo
- Animoto
- SonicPics
- WordPress
- Pages
- iMovie
- Keynote

Tutorial Designer
- Visualize
- Pages
- Doodle Buddy
- Replay Note
- Educreation
- Skitch
- Explain Everything
- ScreenChomp
- ShowMe

Collaboration Coordinator
- Facebook
- Lino
- Twitter
- Nexti
- FaceTime
- Wunderlist
- Skype
- E-Mail
- GoDocs

Official Scribe
- SoundNotes
- Notes
- Blogsy
- WordPress
- Posterous
- Evernote Peek
- Noteshelf
- iThoughts HD
- Twitter

Researcher
- YouTube
- Delicious Bookmark
- TED
- Good Reader
- Zite
- FlipBoard
- Instapaper
- Diigo
- Mobile RSS

Contributor to Society
- GooglePlus
- Vimeo
- Twitter
- Skype
- Pearltrees
- GarageBand
- WordPress
- iMovie
- iBook

21st Century Skills & Literacies for iPads

Information Literacy
Wolfram · Pinstagram · Delicious Bookmark · TweetDeck · Good Reader · Instapaper · Mobile RSS · FlipBoard · Zite

Media Literacy
Flickr · Keynote · Garageband Posterous · Animoto · IPhoto · YouTube · Audioboo · IMovie

Network Literacy
Trip Advisor Google Plus · Pinterest · WordPress · Instagram Mobile Fotos · Facebook · Diigo · Twitter

Global Literacy
VocieThread · Geocaching · Twitter Google Plus · Google Earth Flat Stanley · WordPress · Globe · Skype

Create/ Critical Thinking
iMovie · iBrainstorm · TinyTap · IThoughts HD · Idea Mapper · ShowMe · Book Creator · Brushes · Comic Life

Communicate/ Collaborate
Lino · Evernote · HootSuite · Idea Flight · Skype · VocieThread · Dropbox · Noteshelf · GoDocs
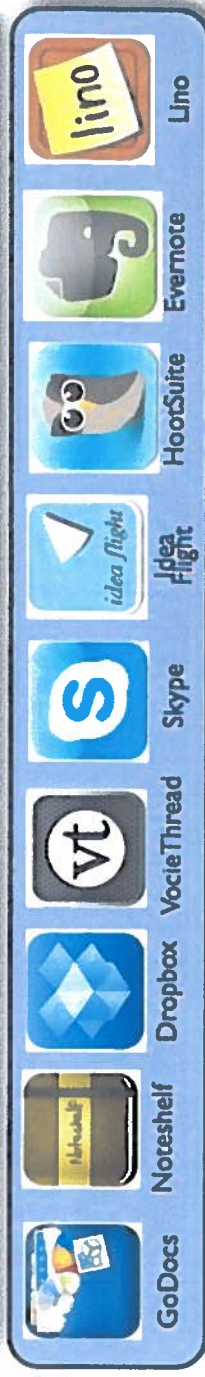
Reminder Apps for an iPAD

Therese Willkomm, PhD, ATP – theresew@unh.edu

Apps Evaluated by programming this task: "Take garbage out every Friday at 8am"

iPad Application	Price	Input Method		Organization of tasks				Output Method - Reminders						Access		Steps		Recurring Reminders			Display features			Button Selection		Programming-connect with			
		Voice	Typing	By category	Color Code	Prioritize	Assign dates and times	Auditory Sound	Auditory Voice	Text	Video	Picture	Customize	Read task	Listen to task	Minimum # of steps to program task	Programming Prompts	Alert time/Custom	Repeat	Snooze button	Large print instructions	Button size greater than 0.5 inch	Ability to edit message	Fine motor skills	Gross motor skills	Email	Ability to share	Sync with Outlook Calendar	Need Internet
1. VoCal	$1.99	X	X				X	X	X	X			X	X	X	3	X	X	X	X	X	X	X	X	X	X			
2. BugMe!/ Stickies	$1.99		X		X		X	X		X		X		X		4		X		X				X	X	X			X
3. OmniFocus	$39.99	X	X	X		X	X	X		X				X		6		X	X					X	X	X			
4. Wunderlist	Free		X		X	X				X				X		4								X	X	X			X
5. Scheduler		X	X	X	X	X	X	X	X	X	X	X	X	X	X	3					X			X	X				
6. Toodledo	$2.99		X	X		X	X			X				X		5		X	X					X	X	X			
7. Due	$4.99		X				X	X		X			X	X		4	X	X	X					X	X				
8. Voice Reminder	$2.99	X	X				X	X	X	X			X	X	X	4	X	X	X		X	X		X	X	X	X	X	
9. ReQall	Free	X	X	X			X		X	X			X	X	X	4	X	X	X		X			X	X	X	X	X	X
10. Remember the Milk	Free		X	X		X	X	X		X			X	X		7		X	X					X	X	X	X		X
11. NotifyMe	$3.99		X	X			X	X		X			X	X		4	X	X	X		X			X	X	X			

Math:
-Jumbo Calculator
-Math Drills
-Math Master
-MathSpin3
-Freddy Fraction
-powerOne FL
-Algebra
-Equations
-Coin Math
-Algebra
-Algebra Touch*
-Calculator
-Math Drills Lite
-Addition
-eFlashcards
-Mcgraw-Hill K-12
-Flashcard
-Long Division
-Math Board
-Your Teacher
-Math Flash Cards
-Rocket Free

Art:
-Line Art*
-iDoodle2lit
-ArtStudio
-Chalkboard
-Glow Draw
-ClickySticky
-Cupcakes! XL
-IceCream!*
-SplatterHD
-Pottery HD Lite*
-Art in Motion
-Uncolor*
-Scratch…Lite
-PuppetPals HD
-ColorStudio HD

-Paint & Create
-Scribble Kid
-Doodle Buddy
-ColorBox-HD

Writing:
-Storybuilder
-Elmo Loves ABC's
-Penultimate
-pocketphonics lite
-PaperDesk LT
-Dictation*
-Popplet
-AudioNote*
-AudioNote lite
-Chapters
-Notes Plus
-Evernote*
-GoDocs
-StoryKit
-SonicPics
-Pictella
-Search
-Alphabet tracing
-Mindmeister
-Keynote*
-Springpad
-iWriteWords
-Magnetic ABC
-LunchBox
-iAnnotate PDF
-TypeonPDF
-inClass
-Pages*
-Pictello
-Dragon Go!
-QRReader
-ShowMe*
-Write Pad
-UYH
-Notes
-AppWriter US
-QuickVoice

-Educreations
-Ghostwriter*
-Typ-O HD*
-Total Recall
-Abilipad
-Notability

Science:
-Planets
-Physics
-Muscle System Pro II
-NASA
-iMuscle
-System MUSCULAR
-Google Earth
-TED + SUBTITLE*
-Visible Body*
-Muscles
-Scapula
-Shoulder
-EFW
-Fitness HD
-Dino Stickers
-Physical Science
-Antarctica
-Science360

Spelling:
-Chicktionary
-AnimalPuzzleLite
-SpellBoard
-Scramble CE
-A1 Spelling App

Memory:
-reQall*
-RTM
-Scheduler
-iPrompts
-TextMinder
-Todo
-Stickies
-Things
-Toodledo
-Priority Matrix*

-BugMe!
-aNote
-NotifyMe Free
-OmniFocus
-Voice Calendar (VoCal)*
-V-Reminder
-Due
-VoCal Lite
-Alarmed*
-Forgetful*
Monster Hunt
AllisJigsaw
Memory
Memory ENHD
Logic Games
Vismory

Relaxation:
-Tunnel Vision
-Pendulum
-Healing Free
-Gravitarium
-MoodTouch*
-Hemi-Balance
-Pocket Pond
-Ambiance
-StressRelief
-iBrain Wave*
-Relax Lite
-Relax M. HD
-Koi Pond*
-uzu*
-Sand Garden
-myFish3D
-EMDR Therapy
-SymTrend
-Tesla Toy
-WhiteNoise
-OCD
-Anxiety
-Mindfulness
-Sosh
-TheShredder

-Relax M. HD
-Voice Meter
Books-Kids
-PopOut! Peter*
-Miss Spider*
-PresentForMilo
-Jingle
-Toy Story 2
-Kindle
-Seuss ABC
-Green Eggs
-Beanstalk
-CatInTheHat*
-Bus
-Free Books
-Monster 2
-Phonics Genius
-Sesame Books
- **Music**
-Pocket Piano
-Shaker
-PocketGuitar
-Magic Piano
-Glee
-Digi_HD_Lite
-Air Harp
-Drum Kt Pro
-Beatwave
-SoundEffects
-Pandora
-Tunemark
-Virtuoso
-Xylophone
-GarageBand
-HandDrums
-Soundrop
-iBand
-Squiggle
-Beatbox+
-Xylophone HD

Hearing:

- -Translator
- -Sign 4 Me
- -Test Hearing
- -ASL Signs
- -ABC Sign
- -uHear*
- -ASL Idiom HD
- -EARs*
- -Amplify'd
- -What U Hear?
- -SoundAMP R
- -Sign Language
- -Baby Sign
- -nTouch
- -ASL Dictionary
- -ASL Mini
- -ASL HD
- -Shine Sign
- -SignLanguage
- -Video Center

Books-Audio:
- -vBookz
- -AP Biology
- -The Yellow Wallpaper
- -VoiceReader
- -OverDrive*
- - Learning AllyP
- -iScroll*
- -audiobooks
- -VoiceDream
- -Read2Go*
- -Audible*
- -Popout-Night Before Christmas
- -firefly K3000

Books:
- -eReader
- -eTextbooks
- -iBooks
- -Inkling*
- -Instapaper
- -Stanza

- -Our Choice
- -AllisJigsaw
- -V Bookz

Assess Tools:
- -Light Meter
- -Dexteria
- -Psychometer Tests
- -Eye Chart Pro*
- -eCOVE…Plus
- -Decibel*
- -TiltMeter
- -IEP Checklist
- -QuickADA*
- -Access ADA
- -Career Assessment
- -Unit Co…Light
- -My Measures Pro*
- -Swipe

AAC:
- -Proloquo2Go
- -Type Fun Lite
- -Word magic
- -Speech Button
- -Fun and Functional
- -Photo Touch Zoo
- -Assistive Chat
- -Verbally
- -Sight Words
- -Talking Tom*
- -Talking Larry
- -Talking Santa
- -TapToTalk
- -TS Button Plus
- -Speak it!
- -Proloquo2Go
- -RadSounds
- -TextExpander
- -Look-2-Learn
- -iInteract
- -iTot Cards

- -Text2Speech
- -TS Choice
- -My Talk Lite
- -Alexicom AAC
- -Conversation Starters
- -Voice4Mail
- -imean
- -Voice4u
- -AssistiveChat
- -AnswersHD
- -TS Sequence
- -Aphasia
- -Talking Tom 2
- -Sono Flex Lite*
- -Talking Ben
- -Sounding Board*
- -Predictable
- -Touchchat HD*
- -iAssist
- -Phrase Board
- -Verbally
- -SpeakPad
- -Text E. HD
- -TherAd
- -Touch Talking
- -Core Words

Autism:
- -Look! Sea
- -MyJournal
- -Tap Zoo
- -VASTAutism 1
- -ABA Emotions
- -Zanny
- -Going Places
- -Touch Emotions
- -Story Builder
- -DTT Numbers
- -Together
- -AutismApps*
- -Magnetic ABC
- -SoundTchLite

- -SeeTouchLearn
- -My PlayHome
- -TouchTrainer Lite
- -My Chalkboard
- -Autism Colors
- -Sound Board
- -Autismate*
- -CoachMVideo*

Blind…Vision:
- -VisionSim
- -Visionassist
- -Tap Tap See
- -Textgrabber*
- -Recognizer
- -Magnifier
- -iColorNamer4
- -Light Detector
- -iSeeClearly
- -iMagnify
- -Over40
- -Navigon
- -ZoomReader
- -LookTellMoneyReader
- -Quick Scan
- -VizWiz
- -DigitEyes

Other:
- **-Tocca Boca Apps**
- -Wunderlist
- -Reminders*
- -Inside Voices
- -Cozi
- -Time Timer
- -i.AM Search
- -DocScan HD

Utilities:
- **-Drop Box**
- **-Photo Transfer**
- **-Swipe**
- **-Contact Page**

- **-iAnotate**
- -GoodReader
- -GoAruna
- -Fuze Meeting
- -GoToMeeting
- -GoodPlayer
- -PDFReader Pro
- -Howcast
- -Mobile Learn
- - -Skype

Miscellaneous:
- -WrkSample HD
- -Squiggle*
- -Tourwrist*

Cooking:
- -Cookbook*
- -Cooks
- -Pepperplate
- -How To Cook
- -BigOven Pro
- -Snackerdoodle
- -More Popcorn

App Advice:
- -AppStart
- -AppAdvice
- -AutismApps
- -Moms Apps*
- -Appsgonefree

* My Favorite Apps

Other Recent Favorits

- --Bugs Button
- -BugsBubbles
- -UP
- -Smart Alarm
- -StickNFind
- -Tile
- -Findmycar

Apps for Adults
Therese Willkomm
10-2-2013- ATinNH

Writing:
-PaperDesk LT
-Dictation*
-Popplet
-AudioNote*
-AudioNote lite
-Chapters
-Notes Plus
-Evernote*
-GoDocs
-Keynote*
-Springpad
-iAnnotate PDF
-TypeonPDF
-inClass
-Pages*
-Pictello
-Dragon Go!
-QRReader
-Notes
-AppWriter US
-QuickVoice
-Educreations
-Ghostwriter*
-Typ-O HD*
-Total Recall
-Abilipad
-Notability
Memory:
-reQall*
-RTM
-TextMinder
-Todo
-Stickies
-Things
-Toodledo
-Priority Matrix*
-BugMe!

-aNote
-NotifyMe Free
-OmniFocus
-Voice Calendar (VoCal)*
-V-Reminder
-Due
-Alarmed*
-Forgetful*
Monster Hunt
AllisJigsaw
Memory
Memory ENHD
-Wunderlist
-Reminders*
Vismory-
Cozi

Relaxation:
-Tunnel Vision
-Pendulum
-Healing Free
-Gravitarium
-MoodTouch*
-Hemi-Balance
-Pocket Pond
-Ambiance
-StressRelief
-iBrain Wave*
-Relax Lite
-Relax M. HD
-Koi Pond*
-uzu*
-Sand Garden
-myFish3D
-EMDR Therapy
-SymTrend
-Tesla Toy
-WhiteNoise
-OCD
-Anxiety
-Mindfulness
-Sosh

-TheShredder
-Relax M. HD
-Voice Meter
Hearing:
-Translator
-Sign 4 Me
-Test Hearing
-ASL Signs
-ABC Sign
-uHear*
-ASL Idiom HD
-EARs*
-Amplify'd
-What U Hear?
-SoundAMP R
-Sign Language
-ASL Dictionary
-ASL Mini
-ASL HD
-Shine Sign
-SignLanguage
-Video Center
Books-Audio:
-vBookz
-AP Biology
-The Yellow Wallpaper
-VoiceReader
-OverDrive*
- Learning AllyP
-iScroll*
-audiobooks
-VoiceDream
-Read2Go*
-Audible*
-**Books**:
-eReader
-eTextbooks
-iBooks
-Inkling*
-Instapaper
-Stanza
-V Bookz

Assess Tools:
-Light Meter
-Psychometer Tests
-Eye Chart Pro*
-Decibel*
-TiltMeter
-IEP Checklist
-QuickADA*
-Access ADA
-Career Assessment
-Unit Co…Light
-My Measures Pro*
-Swipe
AAC:
-Proloquo2Go
-Assistive Chat
-Verbally
-Sight Words
-Speak it!
-Proloquo2Go
-TextExpander
-Text2Speech
-Alexicom AAC
-Conversation Starters
-Voice4Mail
-imean
-Voice4u
-AssistiveChat
-AnswersHD
-Aphasia
-Sono Flex Lite*
-Sounding Board*
-Predictable
-Touchchat HD*
-iAssist
-Phrase Board
-Verbally
-SpeakPad
-Text E. HD
Blind…Vision:
-VisionSim

-Visionassist
-Tap Tap See
-Textgrabber*
-Recognizer
-Magnifier
-iColorNamer4
-Light Detector
-iSeeClearly
-iMagnify
-Over40
-Navigon
-ZoomReader
-LookTellMoneyReader
-Quick Scan
-VizWiz
-DigitEyes
Utilities:
-Drop Box
-Photo Transfer
-Swipe
-Contact Page
-iAnotate
-GoodReader
- -Skype
DocScan HD
Cooking:
-Cookbook*
-Cooks
-BigOven Pro
App Advice:
-AppStart
-AppAdvice
-AutismApps
-Moms Apps*
-Appsgonefree
Other-
UP
-Smart Alarm
-StickNFind
-Tile
-Findmycar
* My Favorite Apps

**Apps Selected by
Therese Willkomm
1-15-2013- ATinNH**

Math:
-Jumbo Calculator
-Math Drills
-Math Master
-MathSpin3
-Freddy Fraction
-powerOne FL
-Algebra
-Equations
-Coin Math
-Algebra
-Algebra Touch*
-Calculator
-Math Drills Lite
-Addition
-eFlashcards
-Mcgraw-Hill K-12
-Flashcard
-Long Division
-Math Board
-Your Teacher
-Math Flash Cards
-Rocket Free

Art:
-Line Art*
-iDoodle2lit
-ArtStudio
-Chalkboard
-Glow Draw
-ClickySticky
-Cupcakes! XL
-IceCream!*
-SplatterHD
-Pottery HD Lite*
-Art in Motion
-Uncolor*
-Scratch…Lite
-PuppetPals HD
-ColorStudio HD

-Paint & Create
-Scribble Kid
-Doodle Buddy
-ColorBox-HD

Writing:
-Storybuilder
-Elmo Loves ABC's
-Penultimate
-pocketphonics lite
-PaperDesk LT
-Dictation*
-iThoughtsHD
-AudioNote*
-AudioNote lite
-Chapters
-Notes Plus
-Evernote*
-GoDocs
-StoryKit
-SonicPics
-Search
-Alphabet tracing
-Mindmeister
-Keynote*
-Springpad
-SonicPicsLite
-iWriteWords
-Magnetic ABC
-LunchBox

Writing 2:
-iAnnotate PDF
-inClass
-Pages
-Pictello
-Dragon Go!
-QRReader
-ShowMe*
-Write Pad
-UYH
-Notes
-AppWriter US
-QuickVoice

-Educreations
-Ghostwriter*
-iBrainstorm
-popplet*
-Typ-O HD*
-Total Recall
-Abilipad
-Notability

Science:
-Planets
-Physics
-Muscle System Pro II
-NASA
-iMuscle
-System MUSCULAR
-Google Earth
-TED + SUBTITLE*
-Visible Body*
-Muscles
-Scapula
-Shoulder
-EFW
-Fitness HD
-Dino Stickers
Physical Science
-Antarctica
-Science360

Spelling:
-Chicktionary
-AnimalPuzzleLite
-SpellBoard
-Scramble CE
-A1 Spelling App

Memory:
-reQall*
-RTM
-Scheduler
-iPrompts
-TextMinder
-Todo
-Stickies
-Things

-Toodledo
-Priority Matrix*
-BugMe!
-aNote Lite
-aNote
-NotifyMe Free
-OmniFocus
-Voice Calendar (VoCal)*
-V-Reminder
-Due
-VoCal Lite
-Alarmed*
-Forgetful*

Memory 2:
Monster Hunt
AllisJigsaw
Memory
Memory ENHD
Logic Games
Vismory

Relaxation:
-Tunnel Vision
-Pendulum
-Gravilocity*
-Healing Free
-Gravitarium
-MoodTouch*
-Hemi-Balance
-Pocket Pond
-Ambiance
-StressRelief
-iBrain Wave*
-Relax Lite
-Relax M. HD
-Koi Pond*
-iBrainWave
-uzu*
-Sand Garden
-myFish3D
-EMDR Therapy
-SymTrend
-Tesla Toy

-WhiteNoise
-OCD
-Anxiety
-Mindfulness
-Sosh
-TheShredder
-Relax M. HD
-Voice Meter

Books-Kids
-PopOut! Peter*
-Miss Spider*
-PresentForMilo
-Jingle
-Toy Story 2
-Kindle
-Seuss ABC
-Green Eggs
-Beanstalk
-CatInTheHat*
-Bus
-Free Books
-Monster 2
-Phonics Genius
-Sesame Books
- **Music**
-Pocket Piano
-Shaker
-PocketGuitar
-Magic Piano
-Glee
-Digi_HD_Lite
-Air Harp
-Drum Kt Pro
-Beatwave
-SoundEffects
-Pandora
-Tunemark
-Virtuoso
-Xylophone
-GarageBand
-HandDrums
-Soundrop

- iBand
- Squiggle
- Beatbox+
- Xylophone HD

Hearing:
- Translator
- Sign 4 Me
- Test Hearing
- ASL Signs
- ABC Sign
- uHear*
- ASL Idiom HD
- EARs*
- Amplify'd
- What U Hear?
- SoundAMP R
- Sign Language
- Baby Sign
- nTouch
- ASL Dictionary
- ASL Mini
- ASL HD
- Shine Sign
- SignLanguage
- Video Center

Books-Audio:
- vBookz
- AP Biology
- The Yellow Wallpaper
- VoiceReader
- OverDrive*
- Learning AllyP
- Web Reader
- A Pair of Silk Sockings
- iScroll*
- audiobooks
- VoiceDream
- Read2Go*
- Audible*
- Popout-Night Before Christmas

- firefly K3000
Books:
- eReader
- eTextbooks
- iBooks
- Inkling*
- Instapaper
- Stanza
- Our Choice
- AllisJigsaw
- V Bookz

Assess Tools:
- Light Meter
- Dexteria
- Psychometer Tests
- Eye Chart Pro*
- eCOVE...Plus
- Decibel*
- TiltMeter
- IEP Checklist
- QuickADA*
- Access ADA
- Career Assessment
- Unit Co...Light

AAC:
- Proloquo2Go
- Type Fun Lite
- Word magic
- Speech Button
- Fun and Functional
- Photo Touch Zoo
- Assistive Chat
- Verbally
- Sight Words
- Talking Tom*
- Talking Larry
- Talking Santa
- TapToTalk
- TS Button Plus
- Speak it!

- Proloquo2Go
- RadSounds
- TextExpander
- Look-2-Learn
- iInteract
- iTot Cards
- Text2Speech
- TS Choice
- My Talk Lite
- Alexicom AAC
- Conversation Starters
- Voice4Mail
- imean
- Voice4u
- AssistiveChat
- AnswersHD
- TS Sequence
- Aphasia
- Talking Tom 2
- Sono Flex Lite*
- Talking Ben
- Sounding Board*
- Predictable
- Touchchat HD*
- iAssist
- Phrase Board
- Verbally
- SpeakPad
- Text E. HD
- TherAd
- Touch Talking
- Core Words

Autism:
- Look! Sea
- MyJournal
- Tap Zoo
- VASTAutism 1
- ABA Emotions
- Zanny
- Going Places
- Touch Emotions

- Story Builder
- DTT Numbers
- Together
- AutismApps*
- Magnetic ABC
- SoundTchLite
- SeeTouchLearn
- My PlayHome
- TouchTrainer Lite
- My Chalkboard
- Autism Colors
- Sound Board

Blind...Vision:
- VisionSim
- SayText*
- Textgrabber*
- Recognizer
- Magnifier
- iColorNamer4
- Light Detector
- iSeeClearly
- iMagnify
- Over40
- Navigon
- ZoomReader
- LookTellMoneyReader

Other:
- **Tocca Boca Apps**
- Wunderlist
- Reminders*
- Inside Voices
- Cozi
- Time Timer
- i.AM Search
- DocScan HD

Utilities:
- **Drop Box**
- **Photo Transfer**
- **Swipe**
- **Contact Page**
- **iAnotate**
- GoodReader

- GoAruna
- Fuze Meeting
- GoToMeeting
- GoodPlayer
- PDFReader Pro
- Howcast
- Mobile Learn
- -Skype

Miscellaneous:
- WrkSample HD
- Squiggle*
- Tourwrist*

Cooking:
- Cookbook*
- Cooks
- Pepperplate
- How To Cook
- BigOven Pro
- Snackerdoodle
- More Popcorn

App Advice:
- AppStart
- AppAdvice
- AutismApps
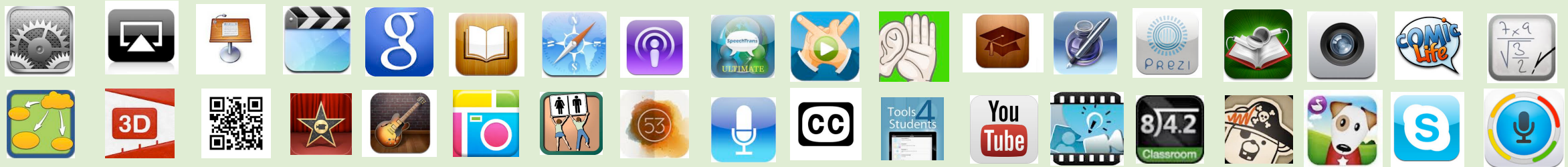- Moms Apps*

* My Favorite Apps

UNIVERSAL DESIGN FOR LEARNING (UDL)

A Placemat of Core Apps Serving Learning for All 2013

Barbara Welsford, M.Ed., ATP, ADE   bwelsford@eastlink.ca

Multi-modes of Representation of Information
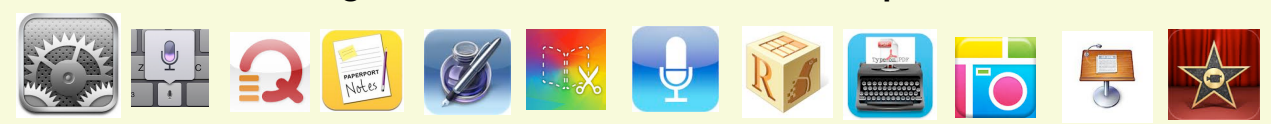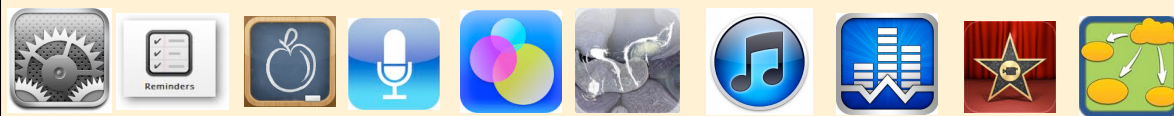

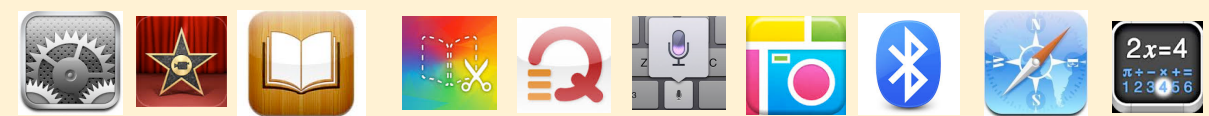### Including students with LD with Reading Difficulties
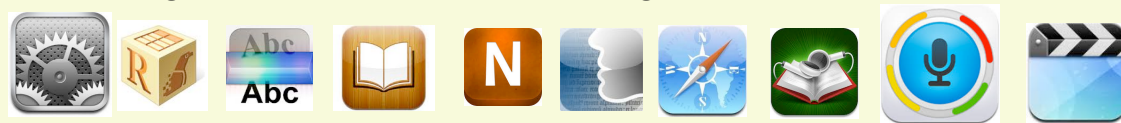
Including students with LD with Written Output Difficulties

Including students with LD with Executive Functioning Difficulties
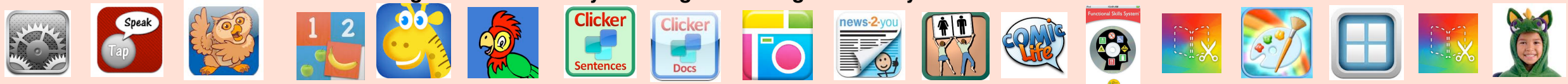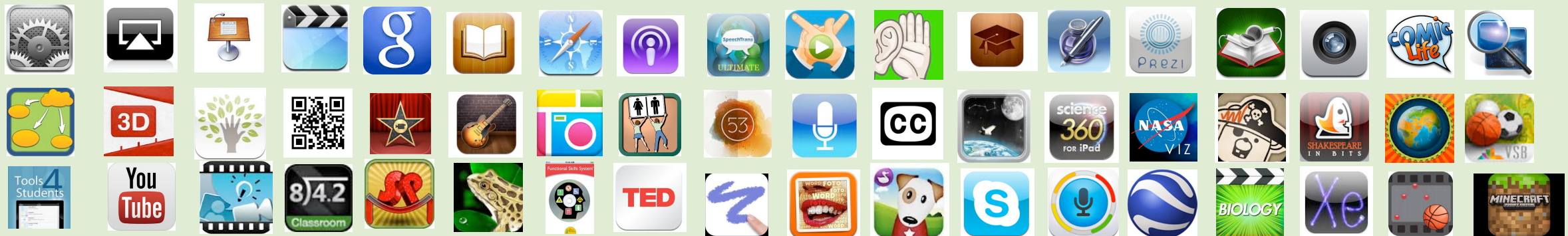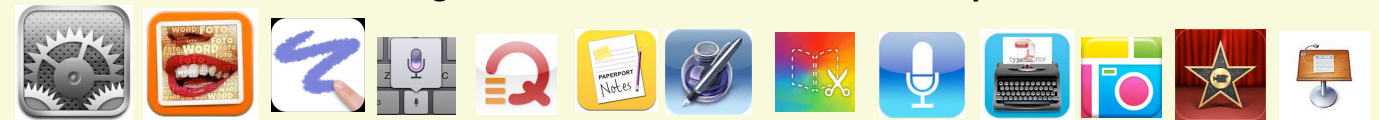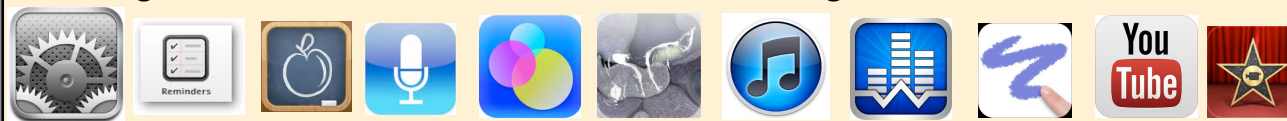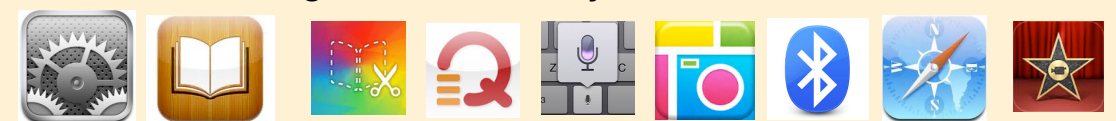
Including students with Physical Disabilities

Including students with Vision Impairments

Including students with Hearing Impairments

Including students for Early Learning and/or Cognitive Delays / Communication Disorders

UNIVERSAL DESIGN FOR LEARNING

A Placemat of Core Apps Serving Learning for All 2013

Barbara Welsford, M.Ed., ATP, ADE   bwelsford@eastlink.ca

Multi-modes of Expression

Including students with LD with Reading Difficulties

### Including students with LD with Written Output Difficulties

Including students with LD with Executive Functioning Difficulties

Including students with Physical Disabilities

Including students with Vision Impairments

Including students with Hearing Impairments

Including students for Early Learning and/or Cognitive Delays / Communication Disorders

UNIVERSAL DESIGN FOR LEARNING

A Placemat of Core Apps Serving Learning for All 2013

Barbara Welsford, M.Ed., ATP, ADE   bwelsford@eastlink.ca

Multi-modes of Engagement

Including students with LD with Reading Difficulties

Including students with LD with Written Output Difficulties

Including students with LD with Executive Functioning Difficulties

Including students with Physical Disabilities

Including students with Vision Impairments
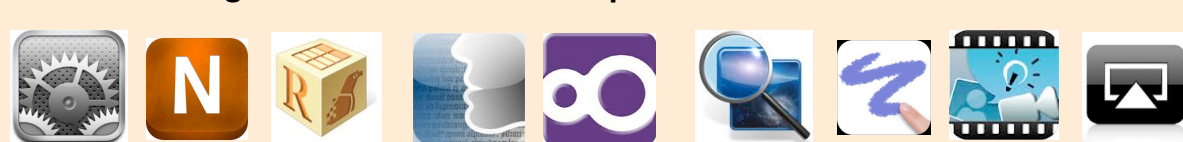
Including students with Hearing Impairments

Including students for Early Learning and/or Cognitive Delays / Communication Disorders

UNIVERSAL DESIGN FOR LEARNING
A Placemat of Core Apps Serving Learning for All 2013
Barbara Welsford, M.Ed., ATP, ADE   bwelsford@eastlink.ca

Overview of UDL
Universal Design for Learning is not only a set of principles but a mindset that all professors, administrators, teachers, resource teachers and support workers are encouraged to adopt to ensure accessibility to learning for ALL students in today's classrooms and beyond. With UDL instructional goals, materials and teaching methods, including assessments, are designed to be flexible and considerate of the diversity of students and their varied learning styles and needs. The essence of UDL lies in 3 main principles including 1) providing multiple means of representation of information to students 2) providing opportunities for multiple means of expression by students and 3) providing multiple means of engagement.

Multiple Means of Representation
Considering the diversity of students in today's classrooms and our current knowledge of how the brain learns it is evident that a "one size fits all curriculum" is not suitable to meet every student's learning style. Representing information in flexible formats (i.e digitized text vs fixed print) means that all students can access the information and thus learn in their strongest modality. UDL focusses on the curriculum as having the disability, not the student. Offering digitized text that can be magnified for learners with vision impairment, offering text to speech for students with learning disabilities, electronic books on iPads mounted on wheelchairs for students physical disabilities who can't manipulate a textbook is some of the first considerations of representing information in a flexible multiple format and a good UDL practice. There are many strategies and checkpoints to consider in relation to the diversity in a teacher's current classroom that ensures access for all through Universally Designed curriculum and the appropriate strategies, materials, technology and assistive technology.

Multiple Means of Expression
The diversity being met by multiple means of representation also means that students with diverse learning strengths and needs be offered multiple means and options of expressing their knowledge. Some might write a paper while others who are more visual might capture and edit a video, still others might choose to express their knowledge in a Keynote or Powerpoint presentation accessing the iPad or laptop through assistive technology devices and mounting systems if necessary.   Offering multiple means of expression and not just assessment through pen and paper means you as the teacher are tapping in to the student's strengths, optimal learning style and learning needs. You as a teacher are also practicing UDL principles and appreciating, celebrating and valuing your student's learning differences.

Multiple Means of Engagement
Student's need to be motivated to learn and then they need to be engaged. Offering a one-sized fits all curriculum focusses on one learning modality and skill set which is clearly not existent in any classroom. Offering different means to engage students whether it be through video, text, audio podcasts, painting, debates, scripting a play and utilizing various Apps (as offered in the placemat) are all ways and means to engage all learners in the classroom, and keep them motivated.

Placemat use and application
The UDL Placemat of Core Apps Serving Learning for All is a starting point to utilizing the exceptional Universally Designed iPad to meet the needs of a wide range of learners. The iPad's versatile settings and wide range of Apps is also an exceptional tool for representing information in a wide variety of formats to meet the needs of all learners. The list of Apps provided are by no means complete and they will, no doubt, be added to and change with time. The App icons provided are clickable links to descriptors of the App and what the App can do for various users. Further explanation of how to use the App in the classroom will be provided in other published documents.

References: for detailed information on UDL, UDL and Assistive Technology go to Cast.org

Please contact me if you have any further information to add or comments to provide on this document.
Barbara Welsford, M.Ed., ATP, ATS, LDATS, ADE
Assistive Technology Specialist