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 paired 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
  o Bluetooth
  o Auto-Lock
  o Restrictions
  o Multitasking Gestures
  o Keyboard
  o 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
- LasedPic – custum 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
- Invisablesshield 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 – transferring 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 itsunes 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 ¼ inch loc-line or ¼ inch PVC tubing to wheelchair - $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 wifi 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 misplaced 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
• Corrugated Plastic
• Velcro Rapid Strap Kit
• Dblsided 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 download this document at ATinNH.org – click on resources

Website for Evaluating & Selecting AAC Apps

- Text Based Apps: http://www.janefarrall.com/appstextlist.html
- 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: https://spreadsheets.google.com/pub?key=0AjbIta8OTSOKdHRMVWxQ3pvOWRXRBfdO1jc3lqakE&hl=en&single=true&gid=0&output=html

Other Resources for Selecting Apps

- Blooms Taxonomy with Apps http://teachwithyouripad.wikispaces.com/Blooms+Taxonomy+with+Apps
- AN EDBLOG 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

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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=0AjbIta8OTS0KdHRMVWx0Q3pvOWRXRXBfd01jc3IqakE&hl=en&single=true&gid=0&output=html
- Update to the Wheel - http://www.ausm.org/images/docs/AppWheelV2.pdf

Other Resources for Selecting 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/
- AppCrawler - http://appcrawler.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.

- Common Learning Characteristics
- Common Learning Traits
- App Categories
- Apps

Developed by Mark Coppin
October 2012

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

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"Design based on the Padagogy Wheel designed by Allan Carrington and modified by Cherie Pickering"
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
- Diigo
- Explain Everything
- 3D Cell Simulation
- GoSky Watch
- GoDocs

Applying
- ShowMe
- Poetry Creator
- Keynote
- Visualize
- Posterous
- ZigZag Board
- Presentation Link
- Xperia
- GearHD

Understanding
- ScreenChomp
- Motion Math
- 123 Charts
- Idea Sketch
- Corkulous
- TapMyPic
- Good Reader
- Touch Draw
- Pages

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

Silvia Rosenthal Tolisano - GloballyConnectedLearning.com - adapted from Dave Mileham
The Digital Learning Farm: Apps for iPads

**Curriculum Reviewer**
- iKeynote
- iMovie
- Pages
- WordPress
- SonicPics
- Animoto
- Audioboo
- BookCreator
- AudioMemos

**Tutorial Designer**
- ShowMe
- ScreenChomp
- Explain Everything
- Sketch
- Educreation
- Replay Note
- Doodie Buddy
- Pages
- Visualize

**Collaboration Coordinator**
- GoDocs
- E-Mail
- Skype
- Wunderlist
- FaceTime
- Next!
- Twitter
- Lino
- Facebook

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

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

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

Silvia Rosenthal Toisman - GloballyConnectedLearning.com - based on Alan November's Work: The Digital Learning Farm
21st Century Skills & Literacies for iPads

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

Media Literacy
- iMovie
- Audioboo
- iPhoto
- YouTube
- Animoto
- Garageband
- Posterous
- Keynote
- Flickr

Network Literacy
- Twitter
- Dligo
- Facebook
- Mobile Photos
- Instagram
- WordPress
- Pinterest
- TripAdvisor
- Google Plus

Global Literacy
- Skype
- Globe
- WordPress
- Google Earth
- Flat Stanley
- Twitter
- Google Plus
- Geocaching
- VoiceThread

Create/ Critical Thinking
- Comic Life
- Brushes
- Book Creator
- ShowMe
- Idea Mapper
- iThoughts HD
- Tiny Tap
- iBrainstorm
- iMovie

Communicate/ Collaborate
- GoDocs
- NotesHelf
- Dropbox
- VoiceThread
- Skype
- iFlight
- HootSuite
- Evernote
- Lino

Silvia Rosenthal Tolisano - GloballyConnectedLearning.com
## 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”*

<table>
<thead>
<tr>
<th>iPad Application</th>
<th>Price</th>
<th>Input Method</th>
<th>Organization of tasks</th>
<th>Output Method - Reminders</th>
<th>Access</th>
<th>Steps</th>
<th>Recurring Reminders</th>
<th>Display Features</th>
<th>Button Selection</th>
<th>Programming- connect with</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. VoCal</td>
<td>$1.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 3 X X X X X X X X</td>
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<tr>
<td>2. BugMe! / Stickies</td>
<td>$1.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 4 X X X X X</td>
<td>X X X X X X X X X X</td>
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<tr>
<td>3. OmniFocus</td>
<td>$39.99</td>
<td>X X</td>
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<td>4. Wunderlist</td>
<td>Free</td>
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<td>5. Scheduler</td>
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<td>X X</td>
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<tr>
<td>6. Toodledo</td>
<td>$2.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 5 X X X X X X X X X</td>
<td>X X X X X X X X X X</td>
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<tr>
<td>7. Due</td>
<td>$4.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 4 X X X X X X X X</td>
<td>X X X X X X X X X X</td>
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<tr>
<td>8. Voice Reminder</td>
<td>$2.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 4 X X X X X X X X</td>
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<tr>
<td>9. ReQall</td>
<td>Free</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 4 X X X X X X X X X</td>
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<tr>
<td>10. Remember the Milk</td>
<td>Free</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X</td>
<td>7</td>
<td>X X</td>
<td>X X</td>
<td>X X</td>
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<tr>
<td>11. NotifyMe</td>
<td>$3.99</td>
<td>X X</td>
<td>X X X X X</td>
<td>X X X 4 X X X X X X X X</td>
<td>X X X X X X X</td>
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</tbody>
</table>
Apps Selected by Therese Willkomm
9-25-2013 - ATinNH

Math:
-Jumbo Calculator
-Math Drills
-Math Master
-MathsSpin3
-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

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

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

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

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

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

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

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

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

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

Books-Kids
-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:
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
- TypoPDF
- inClass
- Pages*
- Pictello
- Dragon Go!
- QRReader
- AppWriter US
- QuickVoice
- Educations
- Ghostwriter*
- Typ-O HD*
- Total Recall
- Abilipad
- Notability

Memory:
- reQall*
- RTM
- TextMinder
- Todo
- Stickies
- Things
- Toodledo
- Priority Matrix*
- BugMe!

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

Books-Audio:
- 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

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

Utilities:
- Drop Box
- Photo Transfer
- Swipe
- Contact Page
- iAnnotate
- 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
-ColorBox-HD
-Writing:
-Storybuilder
-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
-UHY
-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
-iTextPrompts
-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
-Brain Wave*
-Relax Lite
-Relax M. HD
-Koi Pond*
-uzu*
-Sand Garden
-myFish3D
-EMDR Therapy
-SymTrend
-Tesla Toy
-WhiteNoise
-OC
-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*
-Instpaper
-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!

**RadSounds**
-Look-2-Learn
-iInteract
-iTot Cards
-Text2Speech
-TS Choice
-My Talk Lite
-Alexicomm 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:**
-Toca Boca Apps
-Wunderlist
-Reminders*
-Inside Voices
-Cozi
-Time Timer
-i.AM Search
-DocScan HD

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

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

**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

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<thead>
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<th>Multi-modes of Representation of Information</th>
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- 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
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### Multi-modes of Expression

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A Placemat of Core Apps Serving Learning for All 2013
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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
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