Learner Outcomes

Participants will be able to:

- Describe the advantages of using certain applications in treatment sessions.
- Perform a review of an application using the App Share Framework.
- Explain the results of three surveys presented in this presentation.
Advantages of using Apps

- Therapy and Intervention Materials
- Social and Professional Communication
- Productivity
- Motivation
- IEPs
- Data Collection
- Voice Recordings
iPad Project

- In Spring 2011 a national level project was conducted to set out to identify ways to use the iPad effectively and efficiently in the school and early intervention settings for Speech-Language Pathology and Occupational Therapy service delivery.
- We enlisted the help of 26 practicing clinicians who were interested in using the iPad in intervention sessions and made an iPad available to them. (24 SLPs and 2 OTs)
iPad Project Con’t

- All Progressus clinicians were invited to apply to be a part of this program.
- Once selected, participants agreed to exchange their yearly professional development fund for:
  - 16 GB Wi-Fi only Apple iPad (original model)
  - $150 in iTunes gift cards to put toward the purchase of new apps.
Team Meetings

- As a requirement of the project, team members participated in bi-weekly conference calls
- This time was used to review:
  - The “App of the Week”
  - Questions/Troubleshooting
  - Resources
  - Team Sharing
  - App Shares
App Share

- We developed an app evaluation tool to guide SLPs in critically evaluating apps available on the Apple iTunes Store.
- To date, there are more than 140,000 iPad apps available.
- In total, there are over 500,000 apps (iPhone/iPad/iPod).
# App Share Framework

**Progressus Therapy**

**App Share Framework**

<table>
<thead>
<tr>
<th>App</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>(Pick one)</td>
</tr>
<tr>
<td>Educational</td>
<td></td>
</tr>
<tr>
<td>Motivational</td>
<td></td>
</tr>
<tr>
<td>Productivity</td>
<td></td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Either your own, or from iTunes?</td>
</tr>
<tr>
<td><strong>iTunes Rating</strong></td>
<td>(if applicable) Average rating for all versions (1-5 stars) Ex: 3/5 stars</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Price for the full version. Is there a lite/free version available?</td>
</tr>
<tr>
<td><strong>Customization</strong></td>
<td>In what ways, if any, are you able to customize the app?</td>
</tr>
<tr>
<td><strong>Target POPulation</strong></td>
<td>Specific age range (e.g., 5-5 years, EI, preschool, elementary, etc.)</td>
</tr>
<tr>
<td><strong>Disorders Treated</strong></td>
<td>(if applicable) Articulation, Fluency, Receptive/Expressive Language, Pragmatics, AAC, Voice, OT, PT, Dysphagia, etc.</td>
</tr>
<tr>
<td><strong>Specific IEP Goals Addressed</strong></td>
<td>(if applicable) Library more goals. Can you tie it to the curriculum?</td>
</tr>
<tr>
<td><strong>Example Activity</strong></td>
<td>What do you use it for? Be specific in regards to the app.</td>
</tr>
<tr>
<td><strong>Your Overall Impressions</strong></td>
<td>Please include an overall impression of the app. You could also use the same information from this section to review an app in iTunes! Developers love this kind of feedback and it helps others to decide whether or not to purchase.</td>
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<td>--------------</td>
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</tr>
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Categories

1. Educational
2. Motivational
3. Productivity
Educational Category

- Representative apps that we could use to teach a specific target or lesson.
  - ArtikPix
  - Story Builder
  - Cranberry
  - BOB Books #1
Motivational Category

- Representative apps that we could use to motivate the student or client such as games.
  - Angry Birds
  - Talking Tom (Gina, Rex, etc.)
  - Cut the Rope
  - Where’s the Water
  - Pocket Pond
Productivity Category

- Representative Apps that we could use to help keep ourselves organized and productive, such as a task manager, note taker, word processor, PDF file viewing/editing, etc.

  - NoteShelf
  - Reminders (iOS 5 native)
  - Pages, Numbers, Keynote
  - GoToMeeting
  - Scanner Pro
  - SLP Goal Bank
  - Super Duper Data Tracker
Specific IEP Goals Addressed

- How can you tie it into the curriculum?
- Is there a pragmatic component to address (i.e., turn taking, initiation, providing feedback to other students)?
- Can the activity be extended to classroom or home?
App Share

Examples
App Share

Activity
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And the Survey Says…

- Three surveys were made available online:
  1. Clinician Survey
  2. Student Survey
  3. Parent Survey
Clinician Survey Responses

- 79% of clinicians used the iPad to treat articulation and receptive and expressive disorders.
- 71% used the iPad to treat Pragmatic Language disorders.
- 93% of clinicians indicated that the iPad apps increased their ability to provide target practice toward IEP goals.
Disorders Treated

- SLI: 92.9%
- Autism: 92.9%
- SLD: 71.4%
- Down Syndrome: 71.4%
- Hearing Impairment: 57.1%
- ADD/ADHD: 57.1%
- Mental Retardation: 50%
- Cerebral Palsy: 28.6%
- Visual Impairment: 21.4%
- TBI: 7.1%
- Other: 7.1%
Clinician Survey Con’t

- 71% did not seek out any additional training or continuing education related to iPad technology.
- 92% of clinicians were either “satisfied” or “very satisfied” with the use of the iPad as it relates to a clinical/educational setting.
- Most clinicians spent between $1.99 - $3.99 per individual educational app.
Keyword Searches

Keywords searched in the App Store:

- Preschool Language, Language, Speech Therapy, Speech and Language, Educational, ABA, Visual Skills, Articulation, Learning, Children’s games, Phonics, Looked in Special Education Category, Autism, Animal Sounds, etc.
Student Surveys

- 70% reported that using the iPad in therapy was a good challenge and required their best effort to work on their speech-language therapy goals.
- 92% reported working on “sounds” in therapy.
- “It [the iPad] is fun. It helps you learn more than a piece of paper and some words.”
Parent Survey Responses

“The iPad has enhanced the quality of my child’s therapy and engaged my child in a high level he had not experienced before. Based on that, he was able to really bond with his therapist and become open to learning.”
Parent Survey Responses Con’t

“We have found it so helpful that we went and purchased our own. The options are endless and my daughter uses her iPad on her own and quite frequently...I think it has benefitted my daughter beyond words and she can't wait to go to therapy now!”
Parent Survey Responses Con’t

“The iPad makes learning so fun! I wish there were learning tools like that when I was younger :) My son enjoys playing with the iPad and it has increased his concentration, hand/finger/eye coordination, memory and speech skills.”
Website

- Throughout the project, App Shares and resources were continually added to the iPad Team Member website.
- At the conclusion of the project, the site was made accessible to ALL Progressus Clinicians:
  - iPad and Technology in Therapy Resource Center
Welcome to the iPad and Technology in Therapy Resource Center

Welcome Progressus Clinicians!

This is YOUR iPad and Technology in Therapy website! The site was created with our innovative SLPs, PTs, and OTs in mind. Be sure to take advantage of all of the great resources on this site by clicking on each link of interest; especially the master list of iPad apps! Feel free to use the Active Forum section below to post questions, comments, share technology success stories, etc. We want to know how you are successfully implementing technology in your intervention!

App Share:

We have created a tool for evaluating apps that can be implemented with the iPad to create an optimal learning and intervention environment. This tool is called the "App Share Framework." The purpose of this tool is to provide you, the clinician, with a tool to evaluate the more than 140,000 iPad applications (apps) in the iTunes store. To date, Progressus clinicians have compiled 25+ App Shares! We encourage you to click on the framework link on the right to complete your very own App Share(s) that we can share with everyone! The more App Shares completed, the better! Help us to build an even stronger library of app resources.

Shared Advantages from Experienced Users

We have suggested some apps in each category listed below. Please feel free to let us know what your favorite apps are so that we can share them with everyone!

Be sure to take advantage of Apple’s new iOS 5 operating system for iPad, iPhone, and iPod Touch!

Educational Apps are plentiful in the iTunes App Store. There is even an entire page in iTunes dedicated to Special Education apps! Below are just a few recommended apps:

Support Team

iPad and Technology in Therapy Support Team:

Todd Wingard M.S. CCC-SLP
Area Coordinator
todd.wingard@progressustherapy.com

Kyle Epps MA CCC-SLP
New Leader
kyle.epps@progressustherapy.com

Maria Ekedal
New Leader
maria.ekedal@progressustherapy.com

To send resources or updates, please contact:

Kim Nahm
kim.nahm@progressustherapy.com

App Share Framework

Download the App Share Framework, fill it out, and submit it for review! We’ll post your App Share very soon!
Be sure to take advantage of Apple's new iOS 8 operating system for iPad, iPhone, and iPod Touch!

**Educational Apps** are plentiful in the iTunes App Store. There is even an entire page in iTunes dedicated to Special Education apps! Below are just a few recommended apps:

**Speech-Language Pathology**

- Articulation and Phonology: ArtikPix, Articulate It, Sunny Articulation Phonology Test, PhonePix
- Phonemic Awareness: Bob Books #1, Sound Literacy, ABC Phonics
- Pragmatics: Eye Contact, Practicing Pragmatics
- Fluency: Disfluency Index Counter, Fluency Tracker
- AAC: Proloquo2Go, Expressive, Grace
- Reading: I Like Books, SightWords Pro

**Physical Therapy**: Motion doctor, Spine Decide, Nervous System, Physical Therapy Spanish Guide, My Therapy Exercise, Muscle trigger points

**Occupational Therapy**: How Are You?, Pocket Phonics

Therapy and Intervention materials are starting to be published electronically, and through applications on the Pad, these materials can be easily accessed. Electronic books and materials eliminate the cost of printing and are just another way to go green! The cost of electronic devices could easily be more cost effective than buying therapy materials over the course of time. Another factor to consider is that administrators spend a large amount of time issuing, collecting, inventorying, and replacing materials, and this burden could be reduced with the implementation and use of these electronic substitutions. Some of our clinicians like to put all of their PDF workbooks (e.g. Super Duper Jumbo Artic Book) on their Pad for easy access!

- Recommended Apps: Books, GoodReader, Kindle
Recommended Apps: Books, GoodReader, Kindle

Social and Professional Communication can be greatly improved through the convenience of an iPad. As therapists, we are able to communicate with students, parents and staff via virtual communication.

Recommended Apps: GoToMeeting, Mail (native), Edmodo, Meebo, AIM

Productivity can be improved in countless ways.

Recommended Apps: Reminders (native iOS5), Caseload Tracker, Things for iPad, Notability, Pages, Numbers, Keynote, NotesKee, Scanner Pro, Screens, Note Taker HD

Motivation - Students love technology and they will be more interested if they are rewarded by using the iPad. General activities can be more fun using the technology, or educational games can be used as positive reinforcement.

Recommended Apps: Wheels on the Bus, Sudoku, BrainPOP, PBS Kids, Talking Tom, Angry Birds

IEPs can be completed more efficiently with apps that capture signatures using the POGO stylus allowing the IEP to be completely electronic.

Recommended Apps: A+ Signature, SLP go! bank, IEP Checklist, Behave Well

Data collection can be much easier as you collect it on your device. Some apps have data collection built right into them (e.g., ArtikPik). Others are stand-alone data collection apps.

Recommended Apps: Super Duper Data Tracker, Porcentally

Voice recordings and the video camera (on the iPad 2) can be used to save a speech/language sample or parent/child interview.

Recommended Apps: Quick Voice Recorder, Audio Memos 2

Internet connectivity is readily available for iPads. A couple of options include Wi-Fi (standard on all iPads) and Wi-Fi + 3G

Service providers are now becoming more available! Verizon and Sprint have now joined AT&T in the Apple world as a 3G data provider.
*Indicates an App Share Framework has been created and is downloadable on the right side of this page.

**Active Forums**

**Sharing Ideas**

<table>
<thead>
<tr>
<th>Forums</th>
<th>Topics</th>
<th>Replies</th>
<th>Last Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Favorite Apps</td>
<td>1</td>
<td>3</td>
<td>RE: Good Apps by JoSmth 09 Nov 2011 02:13 AM</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Tutorials and Troubleshooting**

- iPod Touch Tutorial
- Overheating, Battery Life, and Cleaning
- Super Duper Data Tracker App

**Articles and Resources**

- 100 Ways to Use Your iPod to Learn and Study Better
- ASHA Apps for SLP Practice
- Bring the World to Your Therapy
- Eric Salier’s Great List of Apps
- Pads Become Learning Tools for Students with Disabilities
- iPad Goes Under the Gauntlet at Universities this Fall
- Podsabilities - Special Education Apps
- Learning Interchange: iTunes U
- Phone/Ipad Apps for AAC: Spectronics
How Can I get an iPad?

- In exchange for an iPad volunteer to take on a leadership role as the district’s iPad expert.
- Sites such as DonersChoose.org
- Request to use your professional development funds. Perhaps collaborate with colleagues to propose this to administrators.
Additional Ways to Get an iPad

- As a leader in technology suggest that as part of your district’s iPad pilot project you will send out a monthly newsletter with tips, success stories and trends.

- Propose that one iPad be purchased and shared between 2-3 therapists or school professionals. Perhaps the principal might even be part of the pilot project and be interested in learning about work productivity applications.

- Save up!!!
Resources

- ASHA
- Autism Speaks
- Edudemic
- Geek SLP
- Mac Life
- SLPsharing
- Speech Techie
- TherapyApp411

Safari > Bookmark icon ➔ iPad User Guide
Additional Articles to Consider

- Gosnell, J. (2011). Apps: An Emerging Tool for SLPs: A plethora of apps can be used to develop expressive, receptive, and other language skills. The ASHA Leader.
References
