Goals for Today’s Session

- There’s an App for That! Exploring the App Craze
- SETT Framework
- App Consideration Checklist Resource
- Using the Checklist and iPads to Evaluate Apps for Independent Living
- Apps Used in the UP program
- Questions

There’s An App for That!

- iPad was released in April 2010 and in 3 months Apple sold over 3.27 million iPads
- Over 1 million apps as of October 2013
Technology is everywhere so...

how do we use it effectively in PSE programs?

SETT Framework:
A Decision Guiding Tool
Zabala (2005)

- Functional areas
- Needs/concerns
- Current abilities

The Student

- Arrangements
- Supports
- Commonalities across students
- Access issues
- Attitudes and expectations

The Environments

- IEP goals and objectives
- Active involvement in environment

The Tools

- Analysis
- Search for tools that address needs
- Selected tools
- Added functions
- Data
Tommy is a ninth grader who has been identified with learning disabilities in the area of language arts. He is currently reading at a seventh grade level. His writing is legible, but he only writes simple sentences of six to seven words. He attempts to phonetically write words, but becomes easily frustrated. He does well in ninth grade science and social studies during discussion, lectures, and when text materials are read aloud by other students. The teacher administers tests to him orally. Tommy is eager to respond verbally in science and social studies. Concern has been expressed about tenth grade, since it requires lots of independent reading and writing.

Considerations to Evaluate Apps

Does it TEACH the content?

Does it match learning characteristics of students?

Is it age appropriate?

Is it individualized?

Does it measure student progress?

Apps Consideration Checklist


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www.tamce.org
1. Gather Data

- Platform? iPod iPad iPhone
- Grade Level?
- Programming?
- Developer?
- Cost?

2. Consider Features

- Visual?
- Sensory?
- Cognitive?
- Auditory?
3. App Characteristics

**Content**

- **Design?**
- **Culturally Inclusive?**
### 4. Basic Access Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Yes</th>
<th>Sometimes</th>
<th>No</th>
<th>Optional</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speak</td>
<td>O</td>
<td></td>
<td>O</td>
<td></td>
<td></td>
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<tr>
<td>Shake</td>
<td>O</td>
<td></td>
<td>O</td>
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<tr>
<td>Tilt</td>
<td>O</td>
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<td>O</td>
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<tr>
<td>Slide</td>
<td>O</td>
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<td>O</td>
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<td></td>
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<tr>
<td>Swipe</td>
<td>O</td>
<td></td>
<td>O</td>
<td></td>
<td></td>
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<tr>
<td>Switch</td>
<td>O</td>
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</table>

**Basic Access/Input Features**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Swipe screen - anywhere</td>
<td>O</td>
<td></td>
<td>O</td>
<td></td>
<td></td>
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<tr>
<td>Swipe screen - specific</td>
<td>O</td>
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<td>O</td>
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<td></td>
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<tr>
<td>Tap touch anywhere</td>
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<tr>
<td>Scroll pinch - to zoom in</td>
<td>O</td>
<td></td>
<td>O</td>
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<tr>
<td>Slide touch on tap &amp; slide</td>
<td>O</td>
<td></td>
<td>O</td>
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<td>Screen tilt (app requires moving device in a tilt position)</td>
<td>O</td>
<td></td>
<td>O</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shake device</td>
<td>O</td>
<td></td>
<td>O</td>
<td></td>
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<tr>
<td>Voice control of text available</td>
<td>O</td>
<td></td>
<td>O</td>
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</table>

**Comments:**

- The access features are appropriate for [Michael](name). Swipable.
- The text is presented in a culturally inclusive manner when appropriate.
- The content of this app is appropriate for [Michael](name) with a visual impairment, but not with any hearing impairment. It is not adapted to any other sensory impairments. It is not tailored to any specific topic areas.
- The app can be modified to suit the needs of all users. It is designed to be usable by users with a range of disabilities.
- The app has a high level of accessibility, with features such as text-to-speech, screen reader support, and keyboard accessibility.
- The app is designed to be used by users with a range of cognitive and learning disabilities, with features such as text magnification, adjustable text size, and screen reader support.

**Access/Input Features to use with [Michael](name):**

- Swipe:
  - This feature allows the user to navigate through the app by swiping their finger on the screen. The feature is available.
- Scan:
  - This feature allows the user to scan text on the screen using their finger. The feature is available.
- Voice control:
  - This feature allows the user to use voice commands to interact with the app. The feature is available.

**Additional Features:**

- The app includes features such as:
  - Text-to-speech
  - Screen reader
  - Adjust text size
  - Zoom

**Additional Information:**

- The app is designed to be used by users with a range of disabilities, including visual impairments, hearing impairments, and cognitive and learning disabilities.
- The app includes features such as text magnification, adjustable text size, and screen reader support.
- The app is designed to be user-friendly and easy to navigate, with clear and concise instructions.

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**CONSIDERING APP CHARACTERISTICS**

**a. Language:**

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**4. Basic Access Features**

- Shake?
- Speak?
- Tilt?
- Swipe?
- Slide?

**Basic Access/Input Features**

- Swipe screen - anywhere
- Swipe screen - specific location
- Tap touch anywhere
- Tap specific screen location
- Scroll pinch - to zoom in
- Slide touch on tap & slide
- Screen tilt (app requires moving device in a tilt position)
- Shake device
- Voice control of text available

**Comments:**

- The basic access features are appropriate for [Michael](name). The app is designed to be easy to use for users with a range of disabilities.
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**4. Basic Access Features**

- Shake?
- Speak?
- Tilt?
- Swipe?
- Slide?
5. Advanced Access

- Assistive Touch?
- Voice Over?
- Wireless?
- Screen reader?
- Closed Captioning?

6. Other Features

- Consistent with other instructional strategies being taught?
- Does it also deliver prompts in an effective and consistent way?
- Is there a reinforcement schedule that can be changed or programmed?
- Is it the RIGHT fit?
  (Go back through entire checklist and evaluate in comparison to needs)
Ways to Use This Checklist

1. Have a specific student in mind.

2. Develop an app resource notebook or database for your community and clients.

3. Data collection and recommendation of apps to others.

Health and Hygiene

- Teeth brushing
  - Just Brush
  - White Summit

- Weight Management
  - Lose it

- Cleaning
  - Cleaning Checklist ($0.99)
  - Chore Lite/Put (free-$4.99)
Organization and Time Management

• First Then (not free, $14.99)
• Timer+
• Reminders, Calendar, and Clock
• AudioNote (free-$4.99)
• Time Timer ($4.99)
• Night Stand Central ($2.99)

Social Media and Networking

• Facebook
• Skype
• FaceTime
• Find Friends
• Dragon Dictation
• Smart Hands Lite/ASL Coach
• Pulse News and Fluent News
• The Weather Channel, Weather+

Cooking and Grocery Shopping

• Constant Shopper
• Apples to Oranges
• BigOven
• AllRecipes
Financial Literacy
- gcflearnfree.org
- Counting Coins/Bills&Coins
- CountingMoney
- Budget Tool
- Simple Budget
- Math Drills Lite

Navigation and Transportation
- Google Earth
- AroundMe
- Maps
- Waze
- Drivers Ed
- NC Driver ($2.99)
- Taking pictures of landmarks with iPad2

Recreation and Leisure
- Kindle, OverDrive (library audio and ebooks)
- Netflix, Hulu, YouTube
- Fotobabble
- Various games on each iPad based on participant interest (Talking Tom, Talking Ben, Talking Gina, card games)
- Virtuoso piano, Pandora, Music Notes
- All Trails
iPhone, iPad and iPod touch Apps for (Special) Education

- iPad list compiled from other PSE programs
  - PSE App List

Questions?

Contact Information

- UP Program Website: up.wcu.edu

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UP Program Consultant
Assistant Professor of Inclusive Education
kkelley@email.wcu.edu
828-227-2990