Switch Access to the iPad for AAC and More!

Goals
- Gain a deeper knowledge of the technology solutions that allow switch access to the iDevice technology
- Learn about switch accessible apps
- Understand how to use iPads along with low tech devices in the classroom

Typical Classroom

Interactive Approach

iDevice Adoption

Mainstream Technology
- Millions of applications have been written for nearly every conceivable situation
- Complexity of applications and physical limitations
- AAC devices
Beukelman, 2012

...noted that the proliferation of mobile technologies has forced individuals to make changes in their AAC technologies, not out of choice, but rather out of necessity when their technologies are no longer supported or when funding sources and schools systems provide pressure to select cheaper, more commonly available technologies.

AAC, 2012

Accessories for Success

Switch Access Solutions
for iPad Access

Blue2™ Bluetooth® Wireless Switch
with Jelly Bean Switches
Single Switch Access

Hitch™ and Switch
Apple iPad Camera Connection Kit

Computer Access

Switch Click USB
Apple iPad Camera Connection Kit

Computer Access

Freehand™
Apple iPad Camera Connection Kit
AbleNet Update: Adjustable iPad® Cradle

- Adjustable design allows mounting to iPad with case in seconds
- Holds iPad in page view or landscape view
- Allows access to external buttons and 30-pin or Lightning connector
- Compatible with existing AbleNet mounting systems

Compatible iPad Cases

- OtterBox Defender cases
- Gumdrop Drop Tech Series cases
- Hard Candy Drop Series cases
- Griffin Technology Survivor cases
- Belkin cases

iPad® Mini Mounting Solutions

- Durable
- Easy-to-use
- Variety of form factors
  - iPad mini Cradle
  - Tabletop Suction Mount
  - Latitude Mounting Kit
  - Hover Mounting Kit
  - Friction Knob USMS Kit
  - Lever UMS Kit
  - Gooseneck Mounting Kit

AbleNet Update: NEW Rugged iPad case

- iDevice Case
- Rugged
- Waterproof  one hour underwater
- Shockproof
- No tools
- Mounting Capability

TrackerPro/Samsung Galaxy

Predictable App
School Applications

"Nothing miraculous happens automatically as a result of putting a child and a iPad in the same room!"

School Applications

- AAC device
- Visual schedule
- Encourages social interactions
- Independent living skills
- Supports literacy skills
- Make choices
- Provide access to curriculum
- Support the Home-School relationship

AAC Device

Visual Schedule

Encourage Social Interactions
Independent Living Skills

Make choices

Supports Literacy Skills

Fact or Opinion

Fact or Opinion?

Fact or Opinion?

Milk is a good source of calcium.

Cooked carrots taste terrible.

A candy bar is a healthy snack choice.

7/22/2013
Integrating Technology

Blus2 wireless switch
Latitude ARM
Provide access to curriculum

Provide access to curriculum

Geometry: 3-D shape identification

Screen shot for Home-School Communication

50 and counting
Switch Accessible Apps

<table>
<thead>
<tr>
<th>APP - Available in iTunes</th>
<th>Skill</th>
</tr>
</thead>
<tbody>
<tr>
<td>SoundingBoard</td>
<td>Communication/Supports Instruction</td>
</tr>
<tr>
<td>Smarty Pants</td>
<td>Choice Making/Emotions</td>
</tr>
<tr>
<td>Switch Kids</td>
<td>Cause and Effect/Build Vocabulary</td>
</tr>
</tbody>
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<tr>
<td>Five Sharks Swimming</td>
<td>Counting/Attending/Listening</td>
</tr>
<tr>
<td>Aunt Maggie’s Recipes</td>
<td>Work on fine motor skill accuracy/Choice Making</td>
</tr>
<tr>
<td>Smarty Pants</td>
<td>Choice Making/Emotions</td>
</tr>
<tr>
<td>Peanut Butter</td>
<td>Beginning AAC (Augmentative Alternative Communication) skills, Beginning Touch Skills and/or Beginning Switch Skills</td>
</tr>
<tr>
<td>Switch Accessible Puzzles</td>
<td>Great graphics and sound effects!</td>
</tr>
<tr>
<td>Train Tracker</td>
<td>Use one or two switch scanning or touch to build a train track.</td>
</tr>
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Switch Accessible Apps

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<tr>
<td>Big Bang Pictures</td>
<td>Twenty one high contrast animated images and great sound effects designed to provide visual stimulation and to develop hand/eye skills for users with low vision and perceptual difficulties.</td>
</tr>
<tr>
<td>Big Bang Patterns</td>
<td>Twelve varied animated pattern styles including tracking, tunneling, rotating and sliding, as well as using flat, strong colors and sharp corners for maximum impact. All patterns are accompanied with music.</td>
</tr>
</tbody>
</table>

This list is updated regularly and located at:


((CONNECT))

- HiFi stereo amplified sound output
- Wireless and wired switch access
- Scanning capabilities to control the iPad and apps supporting VoiceOver controls
- Sleek outer casing protects against moisture/impact
- Integrated battery, charging and iPad syncing
- Updatable firmware
- View video on AbleNet website

Carrying Case

Direct Access

Corded Switch Access
Wireless Switch Access
Thank You!

Switch Access to the iPad for Communication and Instruction

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