



## Access

- Switch sites develop & increase over time
- Children grow & change
- Scanning can lead to direct selection  
(2 switch step scan → 3 switch mouse emulation → head mouse)
- Direct selection & scanning can be used simultaneously



Karen Kangas, OT



## “Kenny” – Early Switch Access



## Kenny PAL today

SBS: songs, books



Vision games on iPad



High Contrast PAS Communication book



Switch Toys



Powered mobility practice



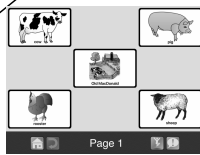
Fun, engaging switch-adapted activities!



Animals!  
PXL



SoundingBoard  
AbleNet



Go Talk Now  
Attainment Company

Make your own  
animal sounds,  
funny sounds,  
songs, etc!


Page 1









CanTunes  
University of Victoria



SB Kangas

 Tools Recap List:  
Participation & Access Practice 


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Pictello 	CanTunes * 
Go Talk Now (free) * 	Voki (Basic) * 
Sounding Board * 	Step by Step Communicator 
	Animals! * 

# Language


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LIGHT TECH TOOLS & STRATEGIES

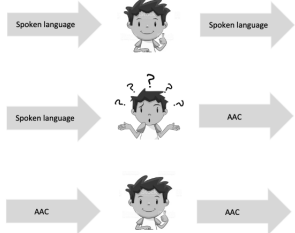
 Language


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- Modeling (aided language stimulation)
- AAC for expressive and *receptive*
- Light-tech has easier access
- 'Smart Partners'




 Modeling = (Aided) Language Stimulation




 How Much Modeling?



How much speech does a baby/child hear before using it?  
How much before they are *competent communicators*?

 Learning AAC in a Non-AAC World!


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 BY 18 MONTHS babies have heard 4,380 HOURS OF SPOKEN LANGUAGE and we don't expect them to be fluent speakers YET

If AAC learners only see symbols modeled for communication twice weekly for 20-30 minutes, it will take 84 YEARS for them to have the same exposure to aided language as an 18 month old has to spoken language.


Statistic from: Janie Korsten - GALT Lattis © 2011  
photo by Rachael Langley - AAC Specialist

 What is a 'Smart Partner'?

➤ People are smarter than technology 


➤ Smart Partners support:


- Access
- Memory (staying on task)
- Making meaning from attempts, early communication
- Engagement

 During Conversations

Linda B with PODD

- Access support
- Making Meaning
- Engaging



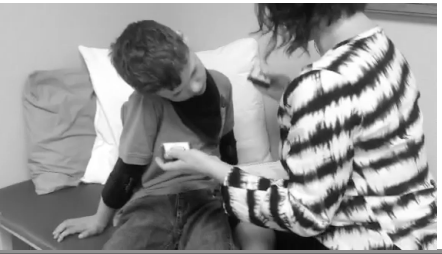
 (Smart) Partner Assisted Scanning


Access Support for Choice making:

Wait time

Reduce talking


Partner activate




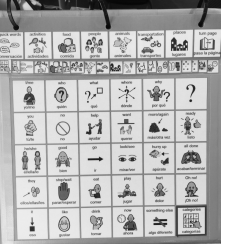
 Light-Tech PODD

Finn using PODD

- Watch his hand rest on the TV page
- Access can be challenging even for direct selectors




 Light-Tech Book



Spanish/English Core Board with Fringe Vocabulary


## Light-Tech 'Alternative Access'

Any light-tech system can be designed for alternative access



## Light-Tech Communication Supports

- ✓ Important part of *multi-modal* system
- ✓ More efficient for:
  - *Early learners*
  - *Difficult access* (regardless of age)
- ✓ Always good to have a *Back-up* (tech fails)




**Smart partners enable success!**

## Organizing Tools

PAL APPROACH


### Communication Tools & Strategies


Participation	Access	Language
Combined:		



**"Ellie"-  
Participation**

Singing 🎵

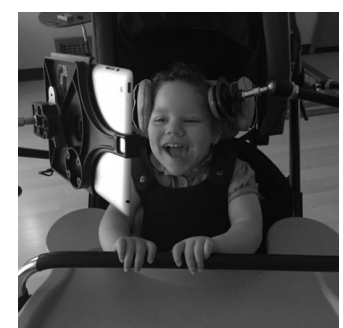





**"Ellie" - Access**

iPad fun!

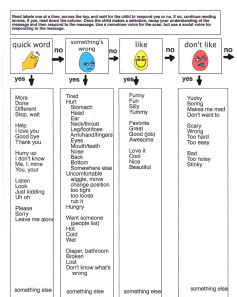
Also: Vision, Refine Y/N, Seating, Mounting





**"Ellie" - Language**


Auditory Scanning –  
Early PODD  
*Modeling first!*



**3-Part Example:  
Preschool**

**Ellie's Tools & Strategies**  
3-Part Approach for Emerging Communication


Participation	Access	Language
<ul style="list-style-type: none"> <li>• Step-by-step for singing, simple stories, &amp; preschool activities</li> <li>• Auditory scan for choices/direction</li> </ul>	<ul style="list-style-type: none"> <li>• Apps on iPad:                             <ul style="list-style-type: none"> <li>1 switch - Big Bang Patterns, Tap Speak Sequence (songs, animal sounds)</li> <li>2 switch - Sounding Board</li> <li>2 switch play (massager &amp; SBS; music &amp; fan; Beat-Bo)</li> <li>• Mylar Objects/Shapes- vision therapy</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Model PODD Book (auditory or Auditory scan for choices (Y/N buttons))</li> <li>• Touch cues (receptive &amp; expressive – during scan)</li> <li>• Mylar/preferred color object symbols - receptive</li> </ul>
<p><i>Combined</i></p> <p>Later: <i>Go Talk Now</i></p>		

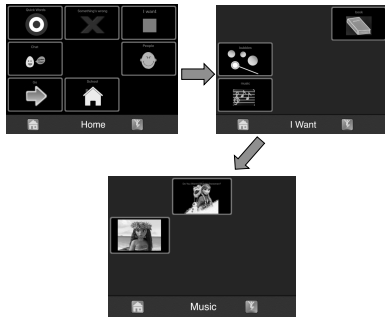


**"Ellie" - most recent**


Go Talk Now on iPad

- Switch access or
- Partners model





## Questions & Discussion



Evaluation Link:



**Assistive Technology Lab  
COMMUNITY VISION**





**DROP-IN HOURS: Thursdays 12 – 5pm**



**Assistive Technology Lab  
COMMUNITY VISION**

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