SxSW Interactive: Apps for
Presented by Autism Society of Greater Austin
Agenda

1. Introduction of panel
2. Overview of autism and why this interface works
3. Panel presentations
4. Q&A
Introductions

• Betsy Furler, MS, CCC–SLP
• Speech pathologist & Bridging Apps

• Melissa Olive, PhD, BCBA–D
• Applied Behavioral Strategies LLC

• Sami Rahman
• Bridging Apps
Autism Is.....
Autism is.....

• Diagnostic
  • Speech and language
  • Social skills
  • Adaptive and maladaptive behavior
Autism is....in reality

- **Language**
  - Non-verbal to advanced verbal
  - Social language deficits
- **Social**
  - Very interactive and chatty to completely withdrawn
- **Sensory Issues**
  - Normal sensory to sensory overload
- **Behavioral Issues**
  - No behaviors to aggression and self-injury
iPad, iPhone, iTouch

• Technology with simple user interface
• Children with autism attracted to it
• Children with autism seem to know how to use it with minimal instruction
Pros

• Easy to use
• Easy to purchase applications
• Inexpensive compared to computers and speech generated devices
• Socially acceptable
• Portable
• Link calendars with due dates, appointments, etc
Cons

• When children are using technology, they are not interacting with others
• This type of technology may encourage repetitive behavior
• Applications (Apps) are not always malleable (programmable, adjustable)
Speech and Language and the
Betsy Furler, MS, CCC-SLP
Apps for Communication

• ProLoQuo2Go
• SonoFlex
• So Much 2 Say
• Go Talk Now!
Apps For Social Skills

- My Playhome
- UNO
- The Social Express
Apps For Language Skills

• Grammar Wonderland
• Sound Touch
• Story Builder
Apps For Articulation

- Articulation Station
- Articulation Scenes
- iBaby Buttons
“Builders”

- Story Builder
- Sentence Builder
- Question Builder
- Conversation Builder
- Language Builder
Occupational Therapy: Dexteria

- Set of therapeutic hand exercises
- Improve fine motor skills
- Improve handwriting readiness
- Exercises should be done on a regular basis
- Short sessions
- Automatic tracking and reporting!
Visual Supports

- iPrompts
  - Picture based
  - Schedule
  - Timer
  - Choices
- Choice Works
  - Schedule
  - Waiting (timer)
  - Feelings
How to Teach Reading

1. Letter Recognition
2. Letter sound correspondence
3. Read beginning sounds
4. Read “families”
5. Read sight words
6. Reading comprehension
Reading and Reading Readiness Apps

- Smiley Sight Words
- Teach Me
  - Toddler
  - Kinder
  - 1st Grade
- Super Why
- ABC Match Ups
- Intro to Letters
Reading Readiness

- Bob Books
- Elmo loves ABCs
Interactive Books

- Misty Island
  - Puzzles, coloring, book, and dot to dot
- 5 Little Monkeys
- Green Eggs and Ham
- Me and Mom Go to the City
- Toy Story (with reading and painting)
- On The Farm
Other Books

- Read Me Stories
- Mee Genius
- Reading Bug
- Food Fight
- Christmas Tale
- The Ugly Duckling
- Three Pigs
- Sesame Books
- Elmo’s Birthday
How to Teach Math

- Number recognition
- Number identification
- Counting
- 1:1 correspondence
- Addition
- Math facts (fluency)
- Subtraction
- Math facts
Math Applications

- Bert’s Bag
- Intro to Math
- Free Multiplication Tables
- Grasshopper
- Ace Math Flash Cards
How We Use Interactive Games

- Teach attending
- Reinforce for compliance
- Teach responding
- Receptive ID
- Following instructions
Interactive Songs and Music (also for reinforcement)

- Duck Duck Moose App
  - Wheels on the Bus
  - Old MacDonald
  - Itsy Bitsy Spider
  - Fish
  - Trucks
- Kid’s Songs
- Virtuosa Piano
Art Tools

- Drawing Pad
- Draw Free
- Kid Paint
- Whiteboard
App Store Stats

- Total Apps: 1,061,228
- Active Apps: 784,867
- Active Publishers: 209,641
- Daily Submissions: 940
- Average Price: $1.50

Source: 148apps.biz
COMMON TREAD

WHAT IS THE COMMON THREAD THAT LINKS ALL DISABILITIES?

Skill
Formula for Success

Content

Usability
Common Issues

- Can’t find content you want
- Can find skills you want to built
- Not appropriate for my user
- Cannot share results
My Wish list for Apps

- More Options in Apps
- More Skills in Description
- More/Better Reporting
- More Content Creation/Authoring Apps
Resources

• Our List on Bridging Apps
  • http://bridgingapps.org/list/?id=45334#

• A List of Lists
  • http://...
Thank you!