



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 - Very interactive and chatty to completely withdrawn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!



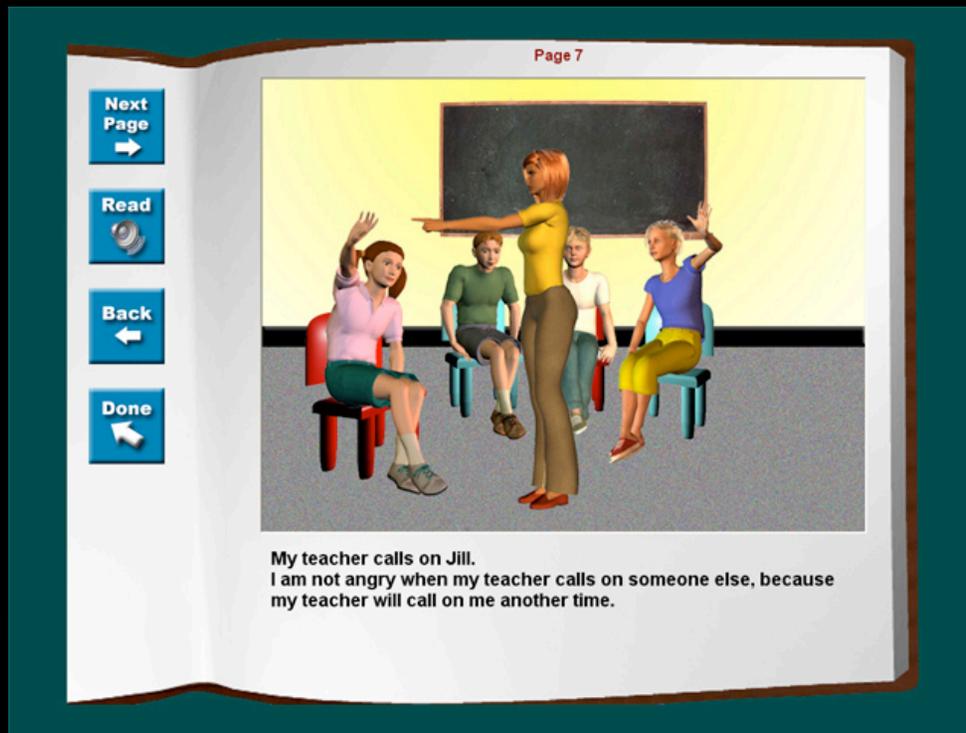
Apps For Social Skills

- My Playhome
- UNO
- The Social Express



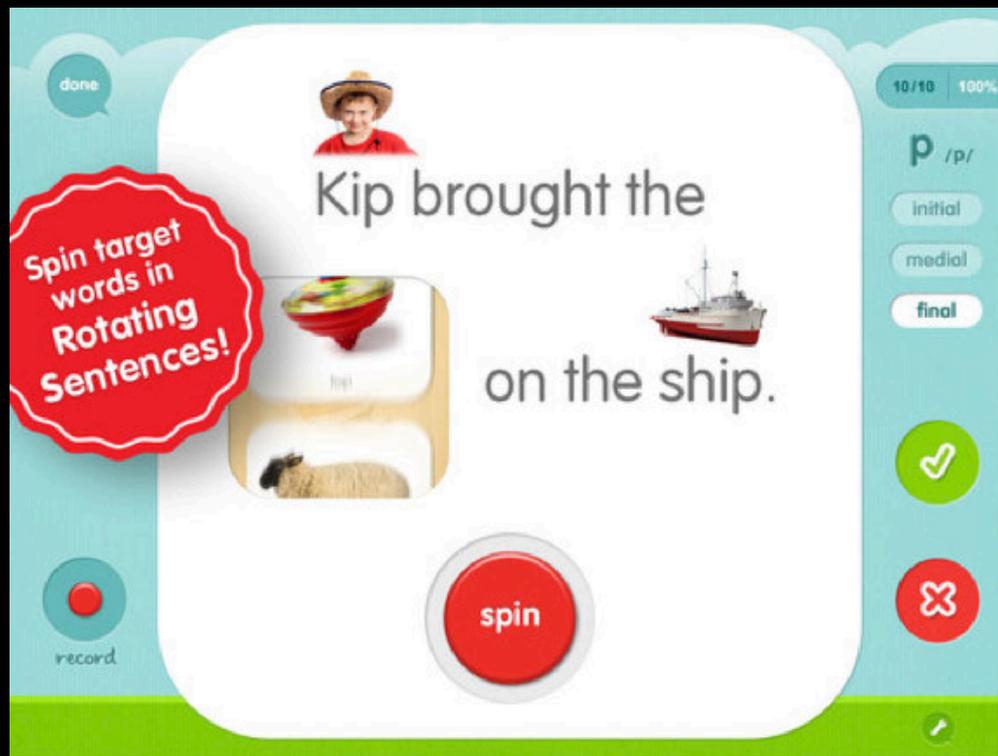
Apps For Language Skills

- Grammar Wonderland
- Sound Touch
- Story Builder



Apps For Articulation

- Articulation Station
- Articulation Scenes
- iBaby Buttons





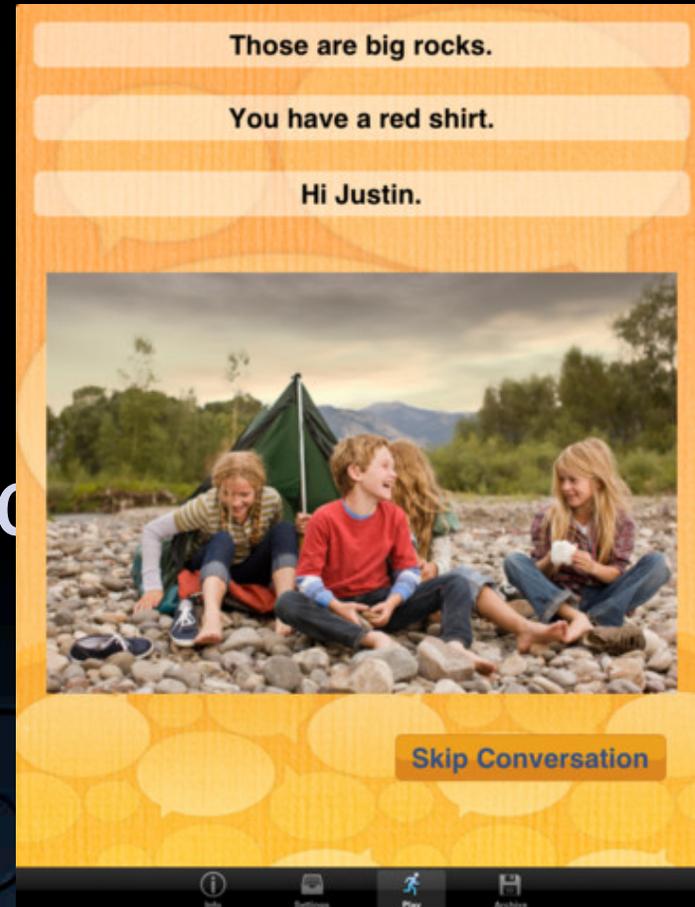
Apps for Academic & Other

Melissa L. Olive, Ph.D., BCBA-D

Applied Behavioral Strategies LLC

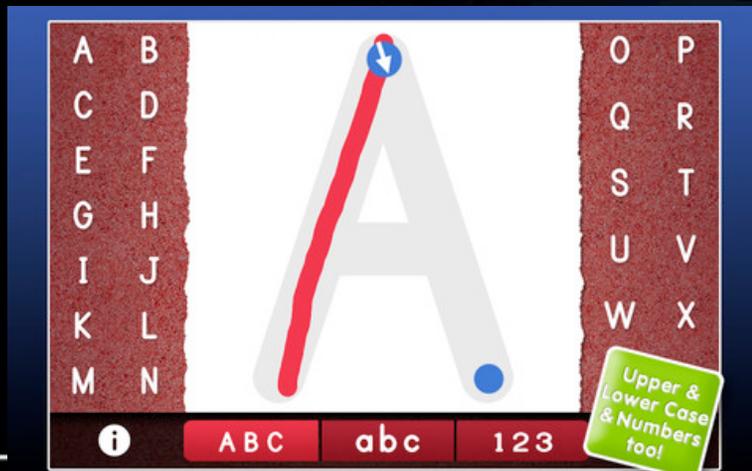
“Builders”

- Story Builder
- Sentence Builder
- Question Builder
- Conversation Builder
- Language Builder



Occupational Therapy: Dexterity

- 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!



Upper & Lower Case & Numbers tool

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



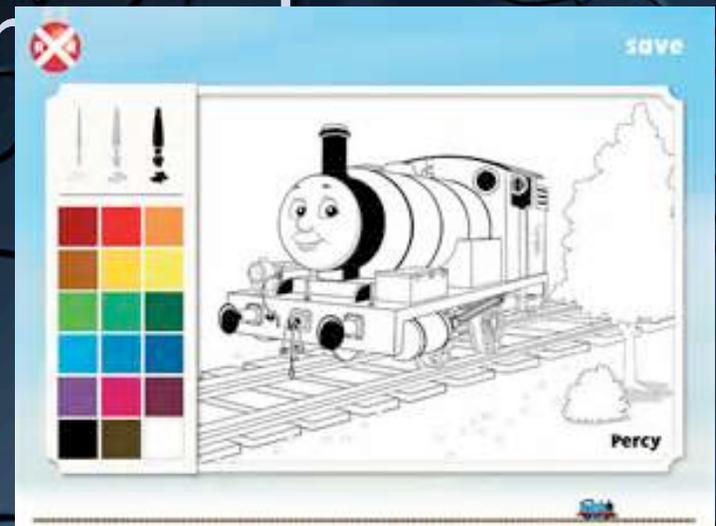
Reading Readiness

- 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 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





Finding and Making Content

Sami Rahman

App Store Stats

source: 148apps.biz



209,641

ACTIVE
PUBLISHERS

940

DAILY
SUBMISSIONS

AVERAGE PRICE

\$1.50



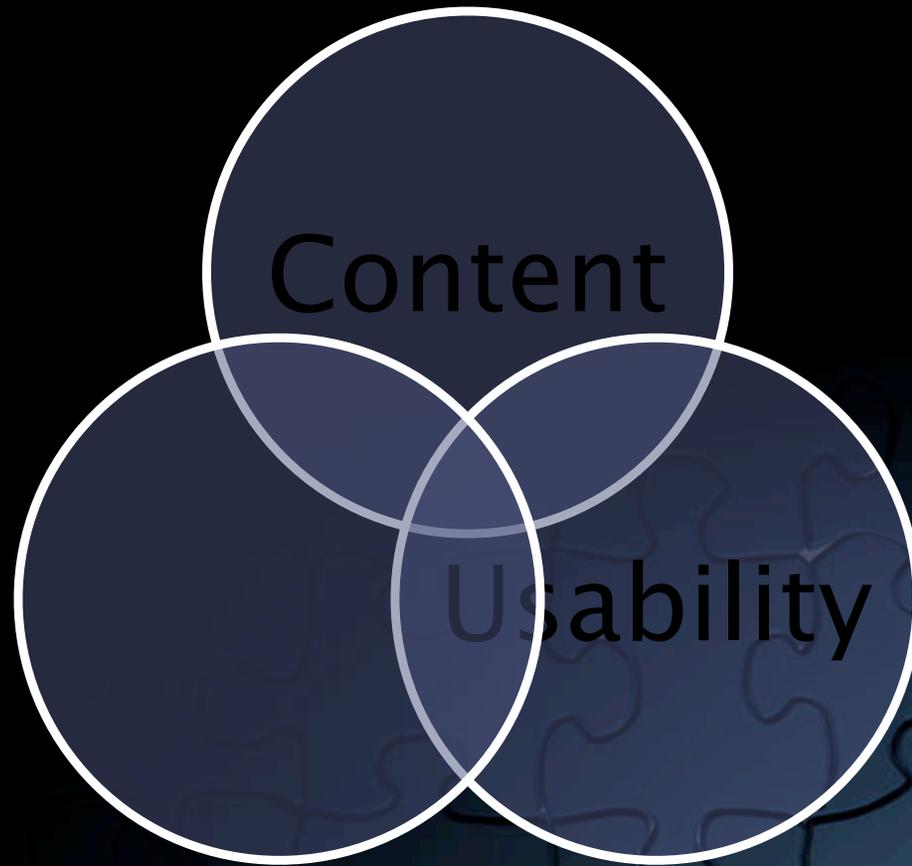
COMMON TREAD

- WHAT IS THE COMMON THREAD THAT LINKS ALL DISABILITIES?

Skill



Formula for Success



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

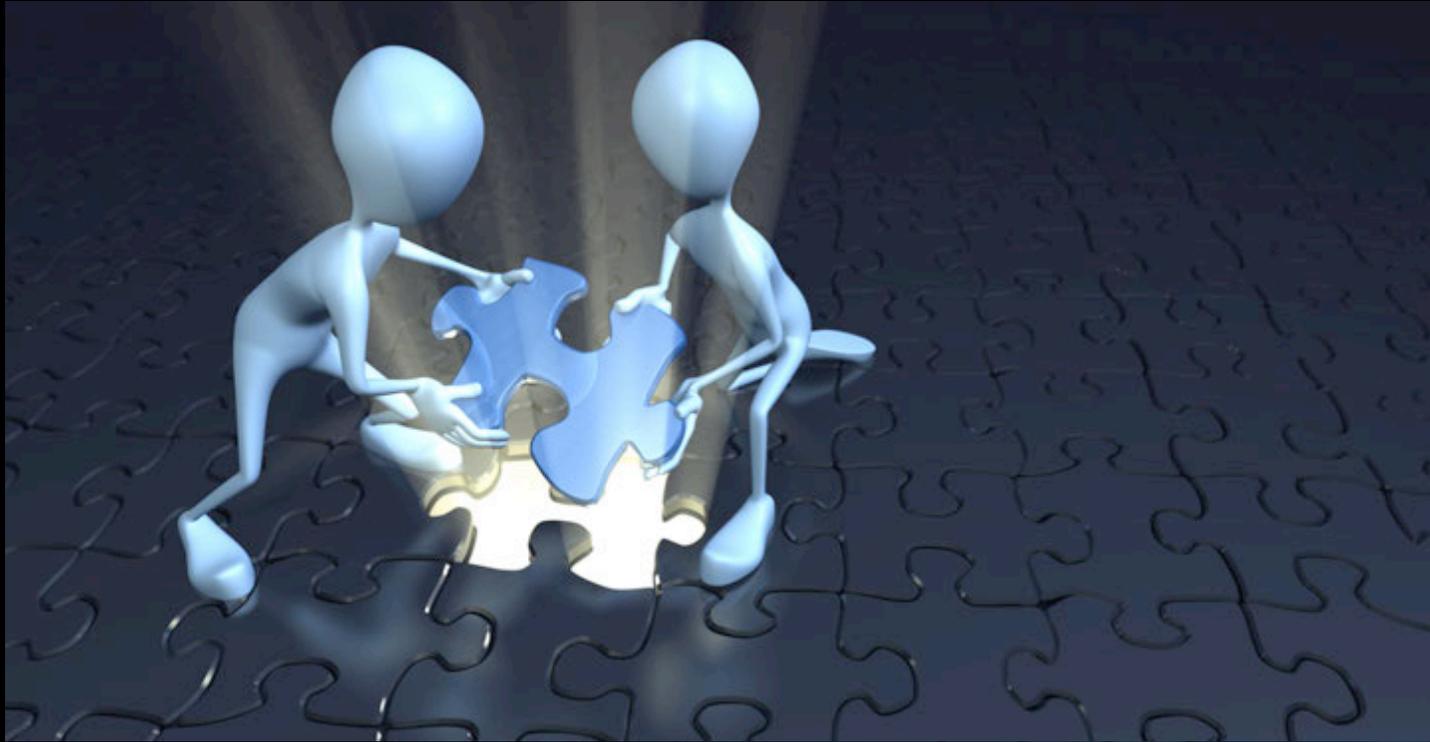
- More Options in Apps
- More Skills in Description
- More/Better Reporting
- More Content Creation/Authoring Apps



Resources



- Our List on Bridging Apps
 - <http://bridgingapps.org/list/?id=45334#>
- A List of Lists
 - <http://>



Thank you!

