

# iEngineer: Your ASD Classroom Using One iPad



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Avenues to use one iPad as a  
classroom teaching and learning tool  
with students who have ASD.

# Take Note: Two Important Concepts!

- Beware of the “App Chase!”



- There are multiple ways to accomplish our goals.  
*Choose a few and run with it!*

# iEngineer the Classroom

- One iPad 2 or 3 (or iPad 1 with external camera), *optional* projector cable, and computer projector
- Photo albums using: photos, screen shots, Power Point personal experience books and Boardmaker.
- Free Storykit App
- Proloqou2Go App (\$189 or VPP \$94.50)
  - ATRC expanded vocabulary set for classroom communication and activity learning common menus.

“Engineer the Classroom” for  
communication and learning  
by using the five phase process to:



by Carol Goossens'

- KEY: Creates common communication structures for all to learn and communicate as a community.
- Require and reward communication across the learning activities.

**Note:** Suggest using the SETT Framework to identify student needs, classroom activities and connected strategies and tools.

[www.joyzabala.com](http://www.joyzabala.com)

# Interactive Augmentative Communication Model

by Carol Goossens'

- **Phase I:**
  - Identifying and Prioritizing Activities for the Activity-Based Curriculum.
- **Phase II:**
  - Generating Interactive Scripts
- **Phase III:**
  - Creating Communication Overlays.



# Interactive Augmentative Communication Model

by Carol Goossens'

- **Phase IV:**
  - **Making Overlays and Devices Readily Accessible within the Training Environment.**
- **Phase V:**
  - **Training Spontaneous Interactive Communication.**

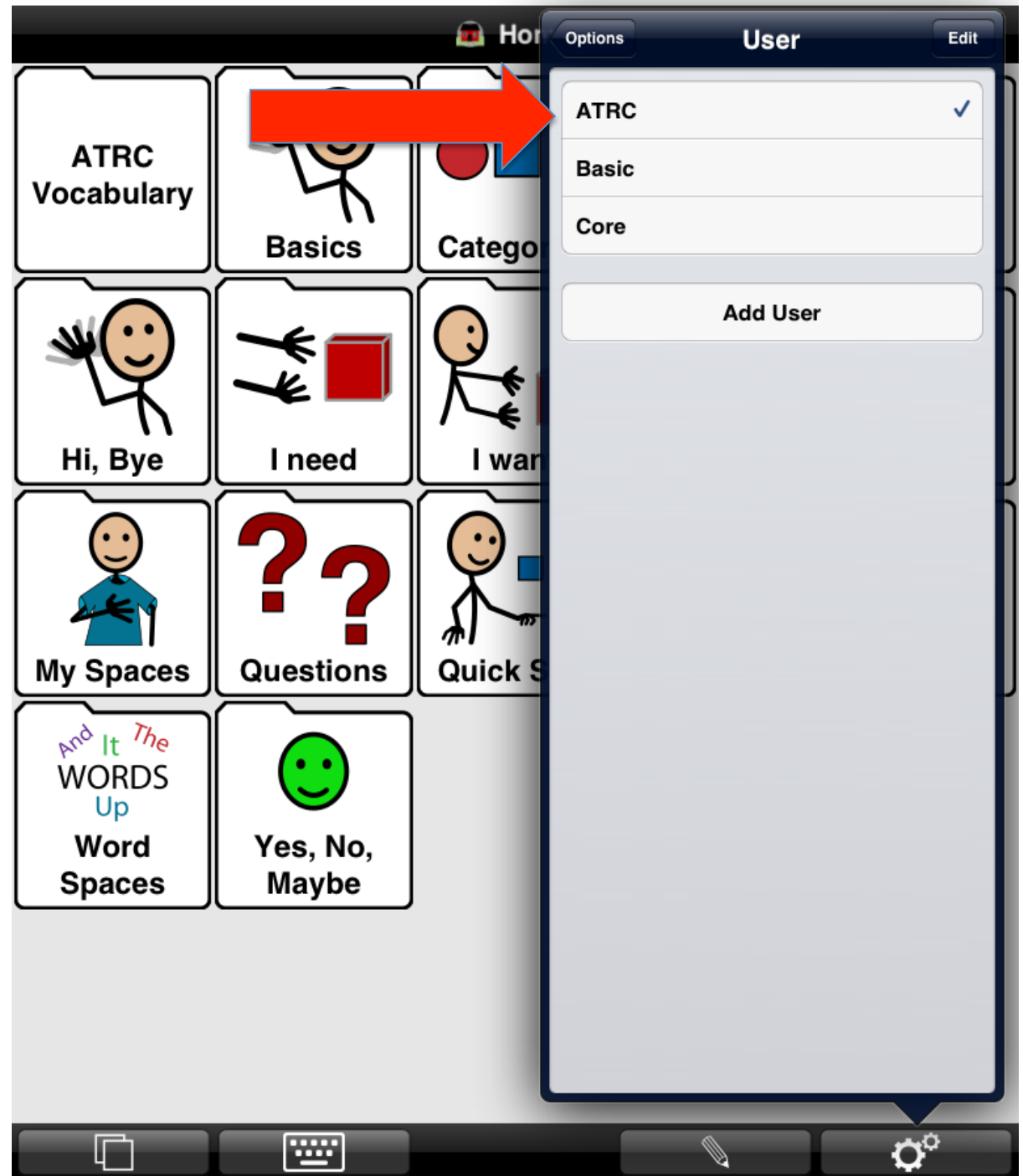


# P2G 2.2

## Add User



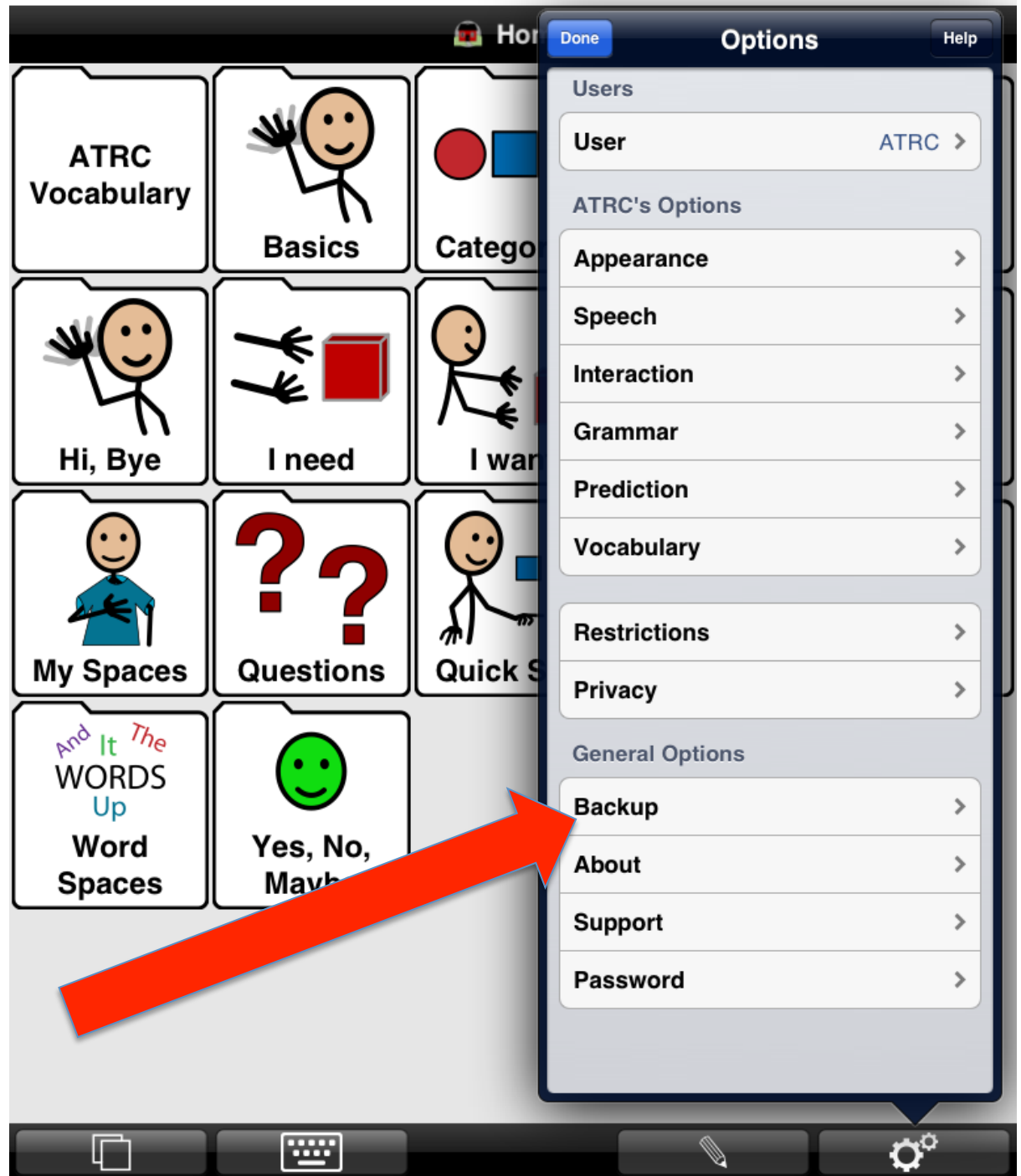
# P2G 2.2 Add ATRC User



P2G 2.2

Back up  
"Restore"  
The new user

with the  
ATRC classroom  
vocabulary



## Proloquo2Go:

ATRC's expanded  
vocabulary's  
home page

\*Creating common  
vocabulary for all  
to access.

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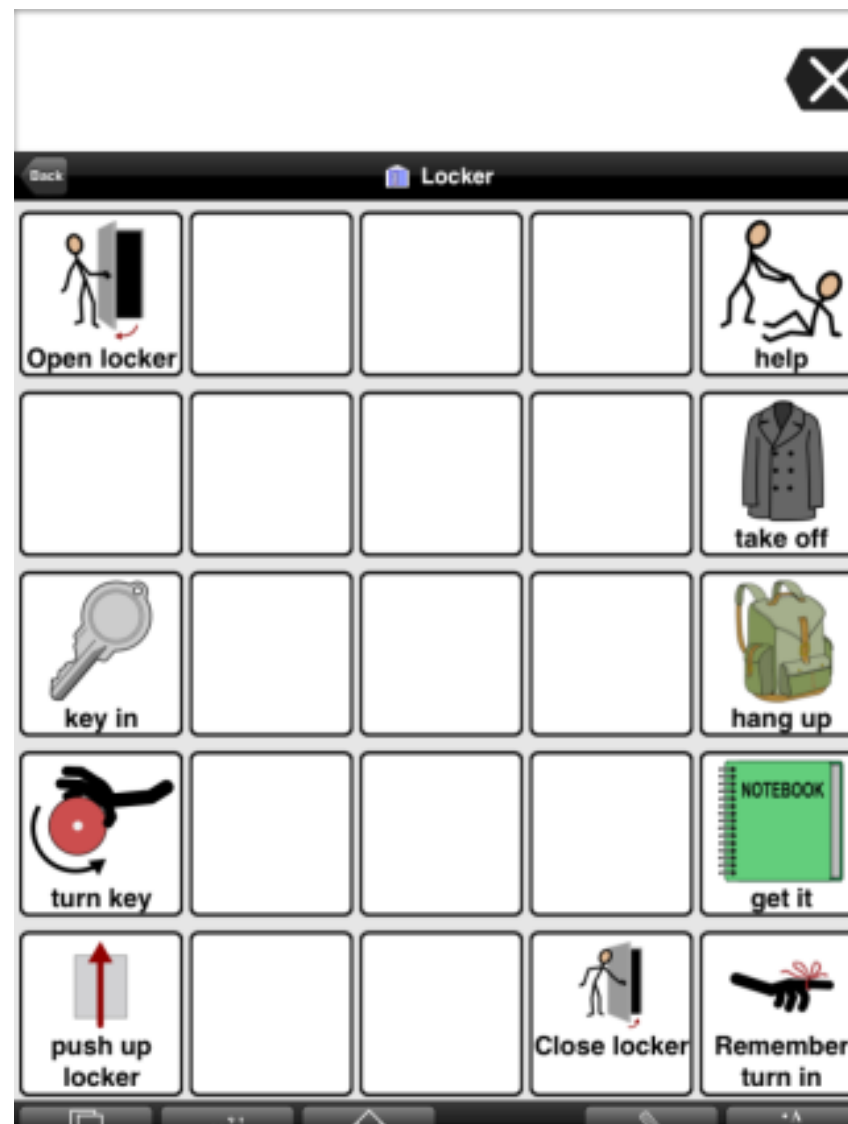


# Common Learning Activities and Participation Vocabulary to Provide Access

## Arrival



## Locker



# Common Learning Activities and Participation Vocabulary to Provide Access

## Attendance








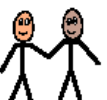

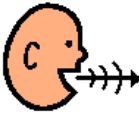
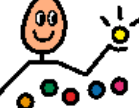




## Snack



# The Month Is....

The	month 	is	month
The	day 	is	
The	season 	is	
The	weather 	is	
We 	wear 		month
We 	do not wear 		month

Things	we 	do 	month
We 	celebrate 		month
We 	sing 	Happy Birthday 	
We 	talk about 		
			month
?	My favorite 	I like 	I don't like 

# Communicating and Writing about Home to School: H2S

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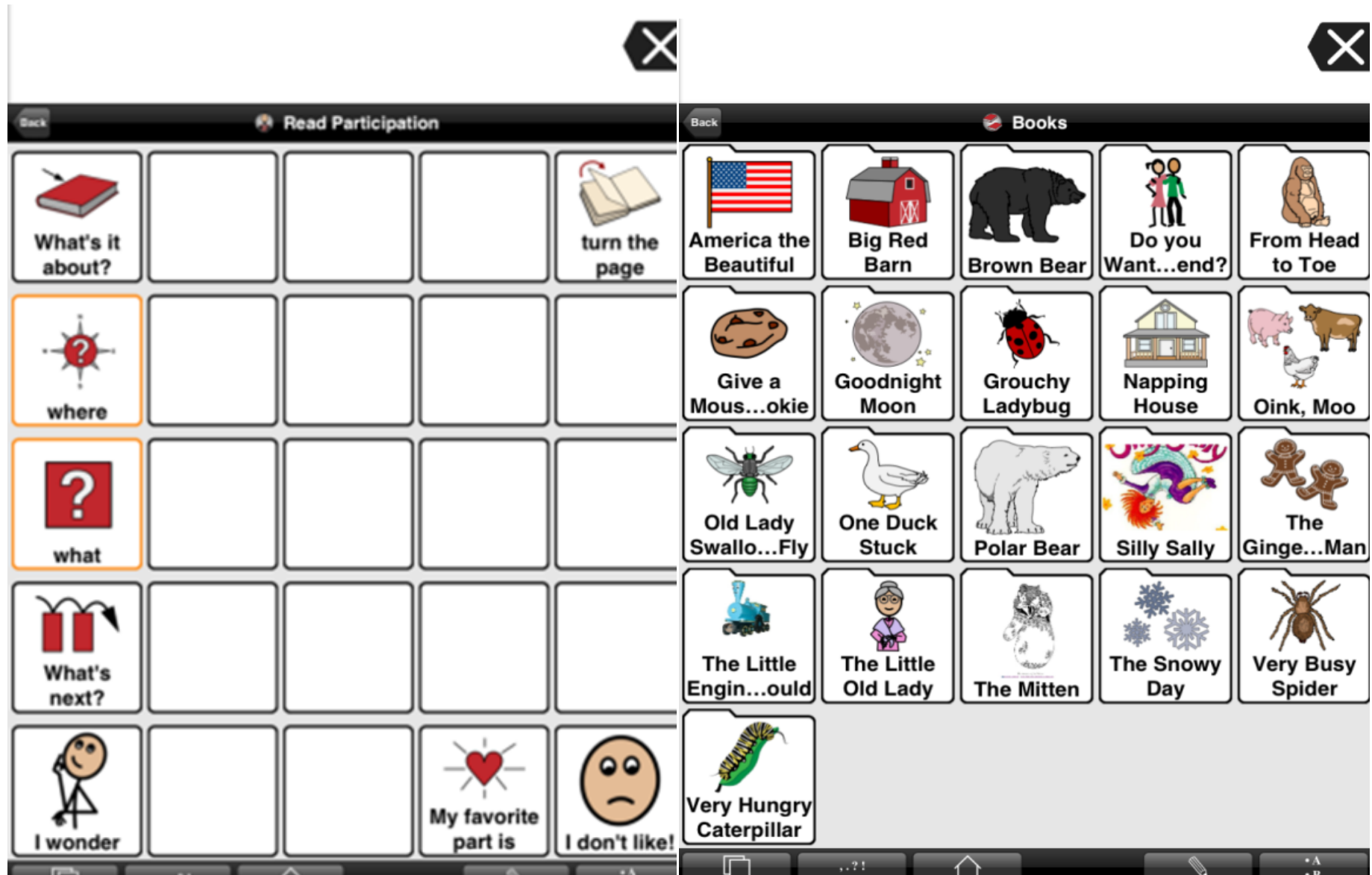


# Communicating and Writing about: School to Home



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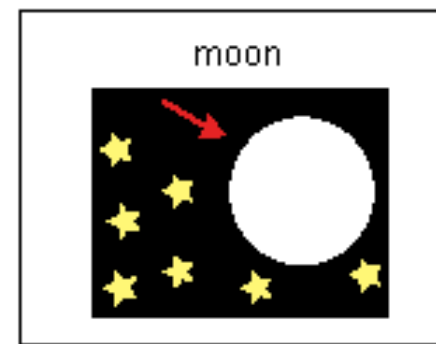
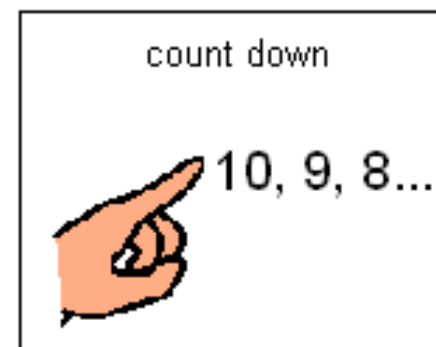
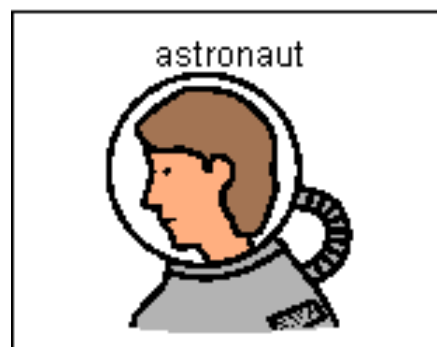
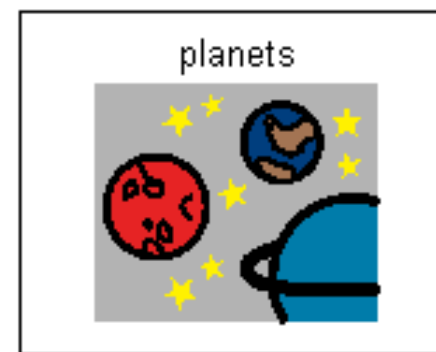
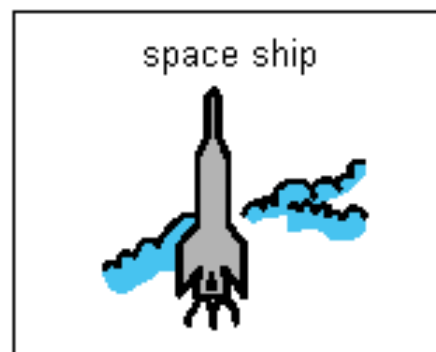
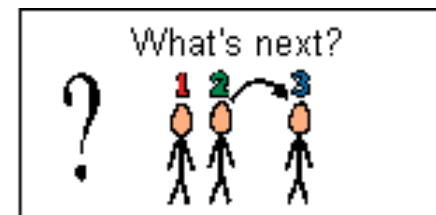
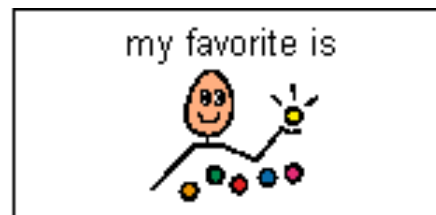
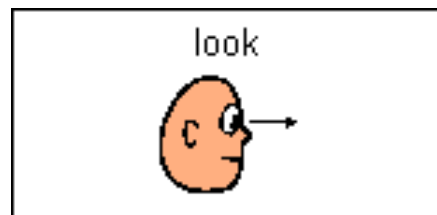
# Reading Support: Comprehension Scaffolds and Participation Vocabulary



# Song Participation Vocabulary Menus

Wheels on the Bus 		round and round 	people up and down 
swish, swish, swish 	horn toot toot toot 	money clink, clink, clink 	driver move on back 
doors, open & shut windows, up & down 	kids yack yack yack 	baby wah, wah, wah 	Mommys go shh, shh 

# Vocabulary Building Supports



Expanding  
Expressive  
Tool  
Support



Folders  
Expand  
to more  
vocabulary

# #1 Predictor of Comprehension is

## *Background knowledge!*

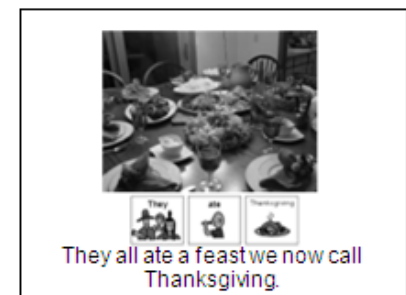
As we move from **learning to read** to **reading to learn**; how do we assure that our students have background knowledge?

- Build it,
- Activate it,
- Take it to the next level by transferring across learning experiences.
- **Create Personal Experience Vocabulary Units**



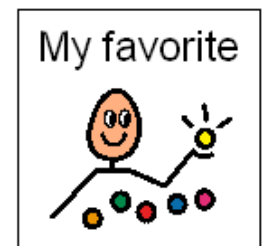
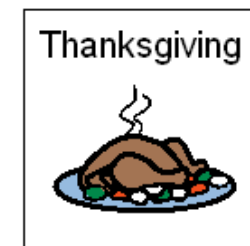
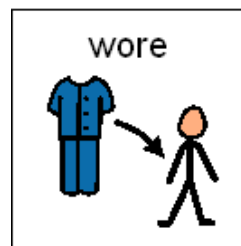
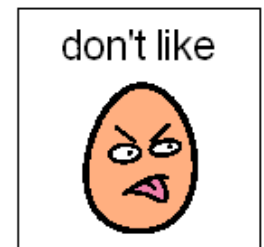
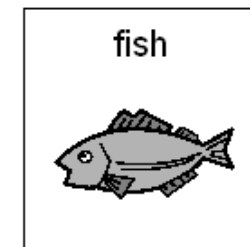
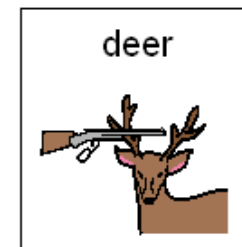
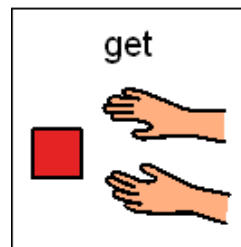
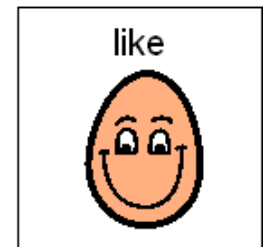
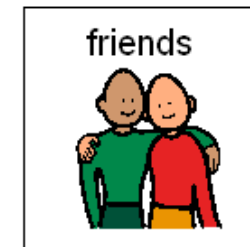
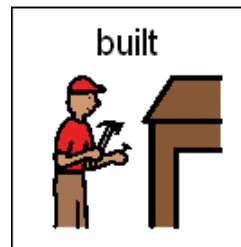
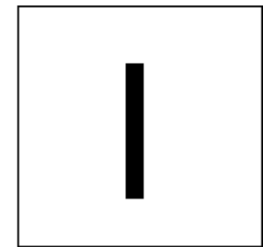
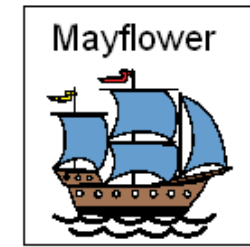
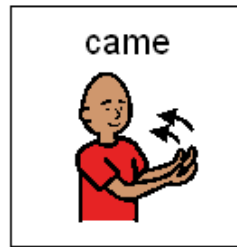
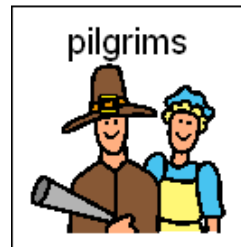
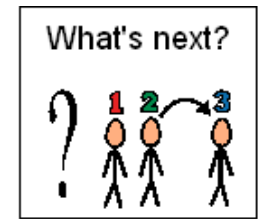
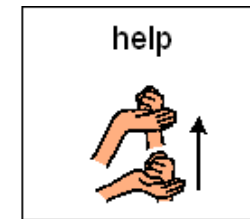
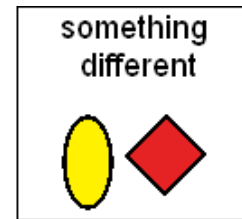
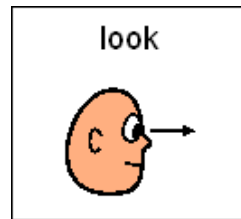
Tarheelreader.org  
to provide a shell of  
images or use camera  
or web shots

- Read along,
- Comprehension,
- Expressive Interactive
- Participation 20+



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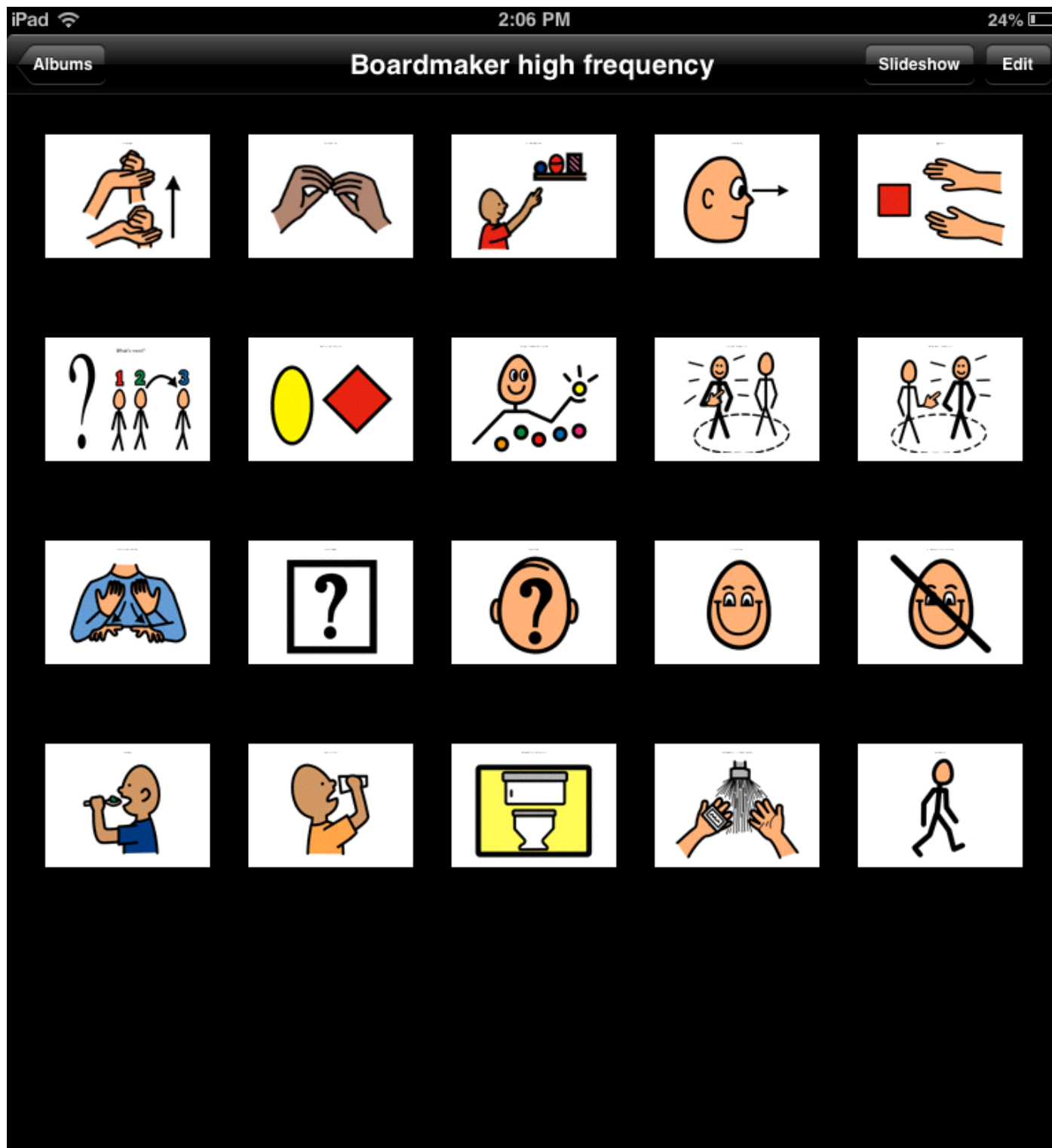
Tar Heel Reader  
Participation 20+



# Photo Albums



# Boardmaker Pics



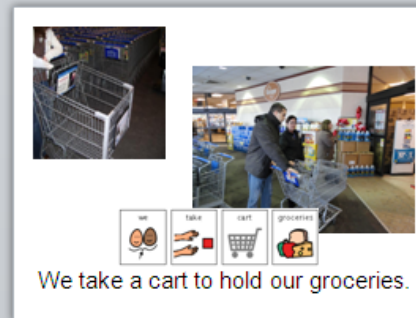
# Reading to Direct Personal Experiences



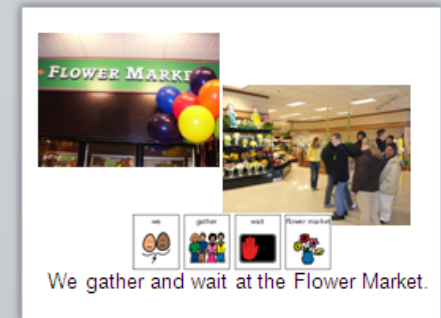
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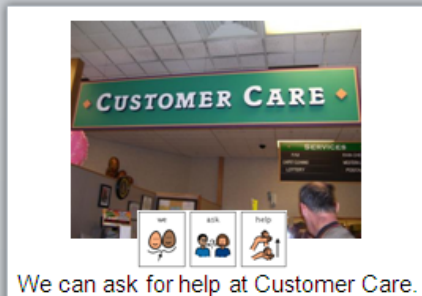
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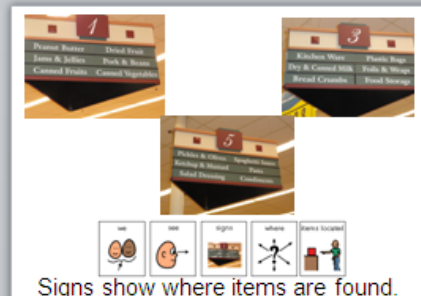
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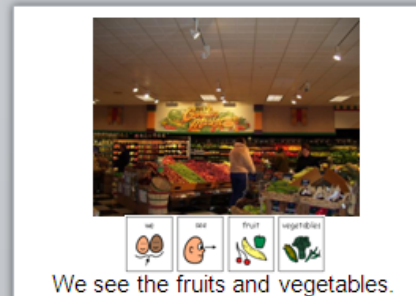
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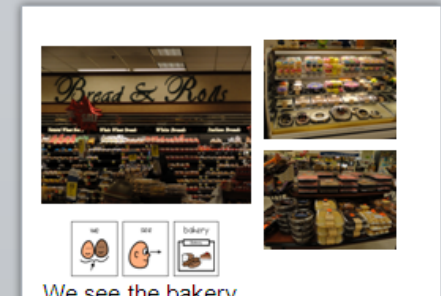
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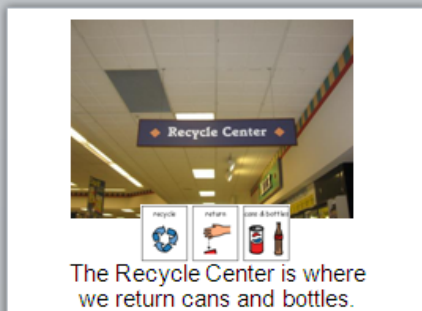
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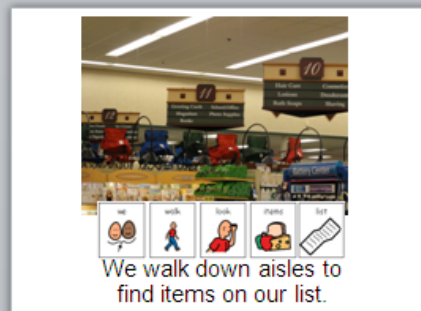
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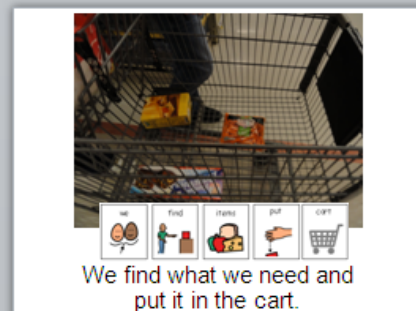
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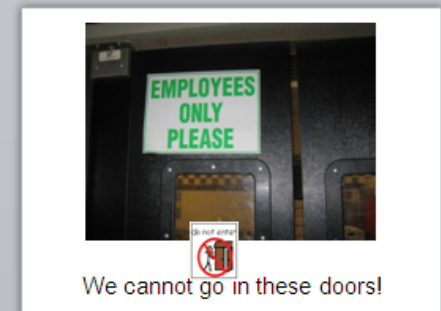
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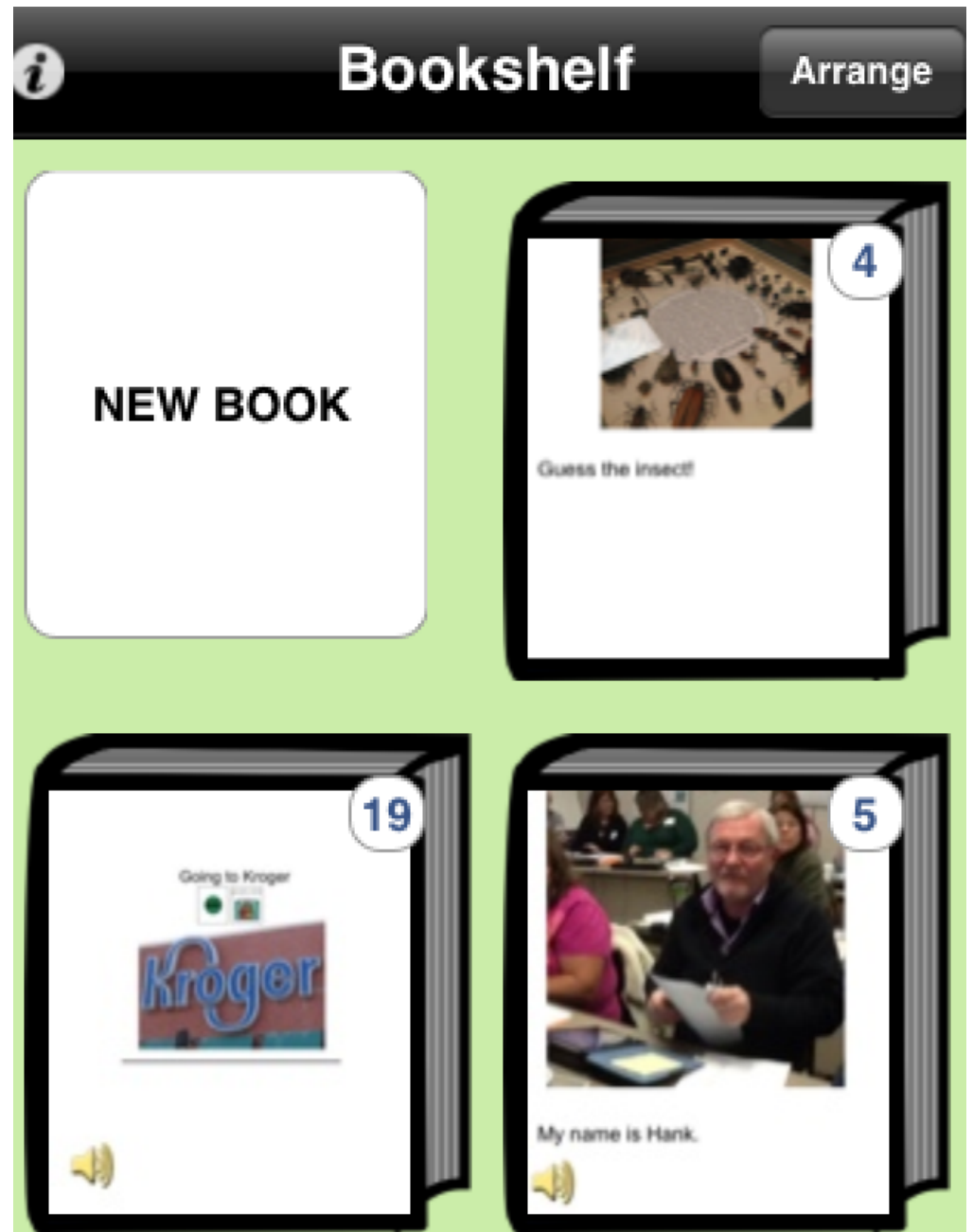
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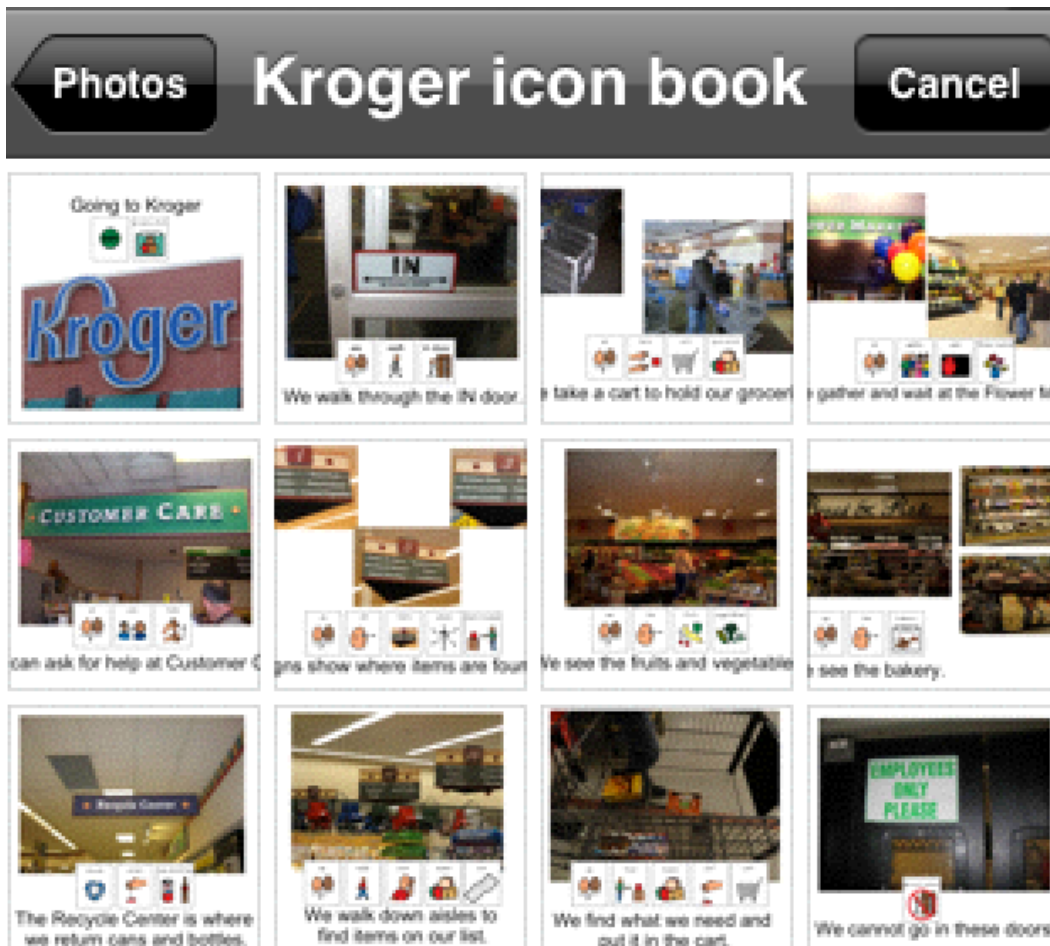
# StoryKit App

- Drop in Photos
- Drop in Boardmaker icon support
- Draw a doodle
- Type text
- Record voice
- Email share it home



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# Add Photos or a Doodle

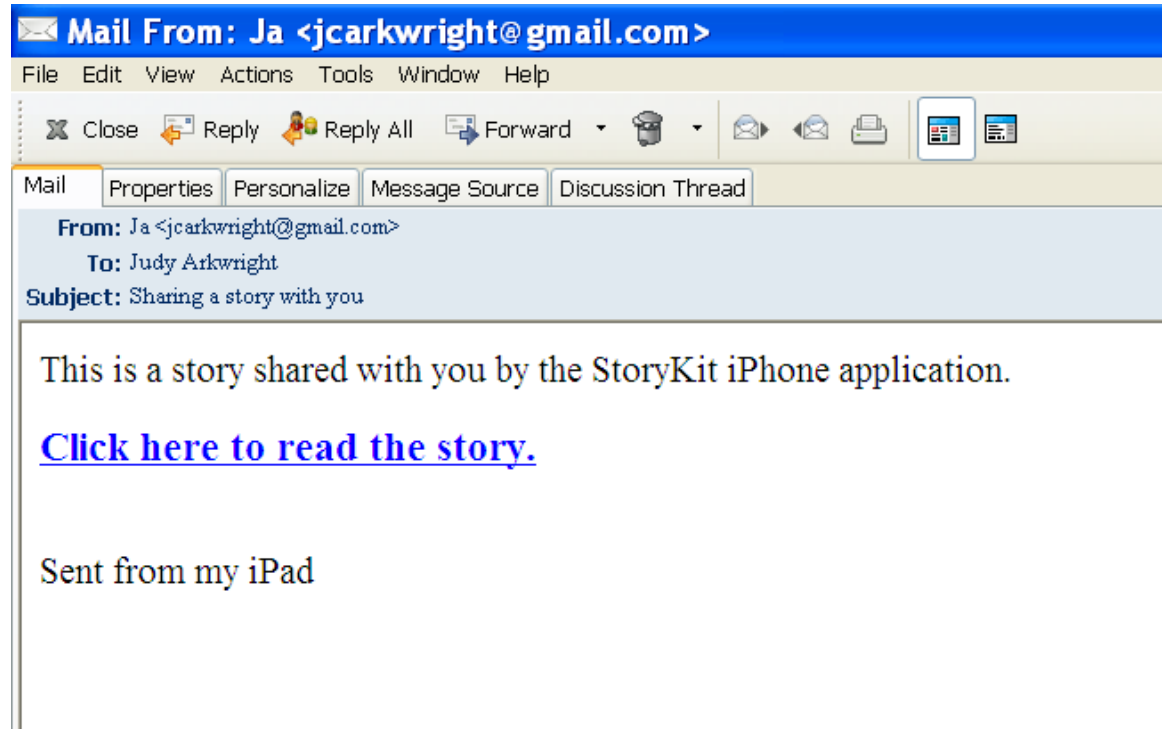


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# Record



# Email home



# Share Personal Experience Books with Recorded Sounds with Families for FREE

StoryKit Viewer: Krogers - Mozilla Firefox



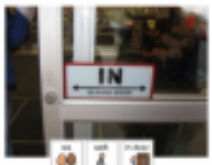











File Edit View History Bookmarks Tools Help

dog chasing his tail - Google Search StoryKit Viewer: Krogers

phone.childrenslibrary.org/cgi-bin/view.py?b=odqjwvnhkxwms07b573

AVG - Search... Search Site Safety Weather Facebook

## Krogers

<p>Going to Kroger</p>  	 <p>We walk through the IN door.</p> 	  <p>We take a cart to hold our groceries.</p> 
  <p>We gather and wait at the Flower Market.</p> 	 <p>We can ask for help at Customer Care.</p> 	 <p>Signs show where items are found.</p> 

start | Engineer ASD ... | StoryKit Viewer... | ATRC iPad 6375 | Clipboard06 - [r... | Novell GroupW... | Mail From: 3e ... | 12:39 PM

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