

Discover Apps for Autism

A TARGET DISCOVERY SERIES EPISODE

USDA Office of Operations
TARGET Center



Autism

- Complex disorders of brain development.
- Varying degrees of difficulties in:
 - Social interaction,
 - Verbal and nonverbal communication
 - Repetitive behaviors.
- 1 in 68 American children as on the autism spectrum—a ten-fold increase in prevalence in 40 years.
 - Each individual with autism is unique.
 - Many of those on the autism spectrum have exceptional abilities in visual skills, music and academic skills.
 - About 40 percent have average to above average intellectual abilities.



Apps for Autism

- In Children:
 - Improves communication
 - Develops social skills
 - Enhances the ability to learn.
- In Working Adults:
 - Improves business interactions
 - Allows full expression of potential



AAC App: Proloquo2Go

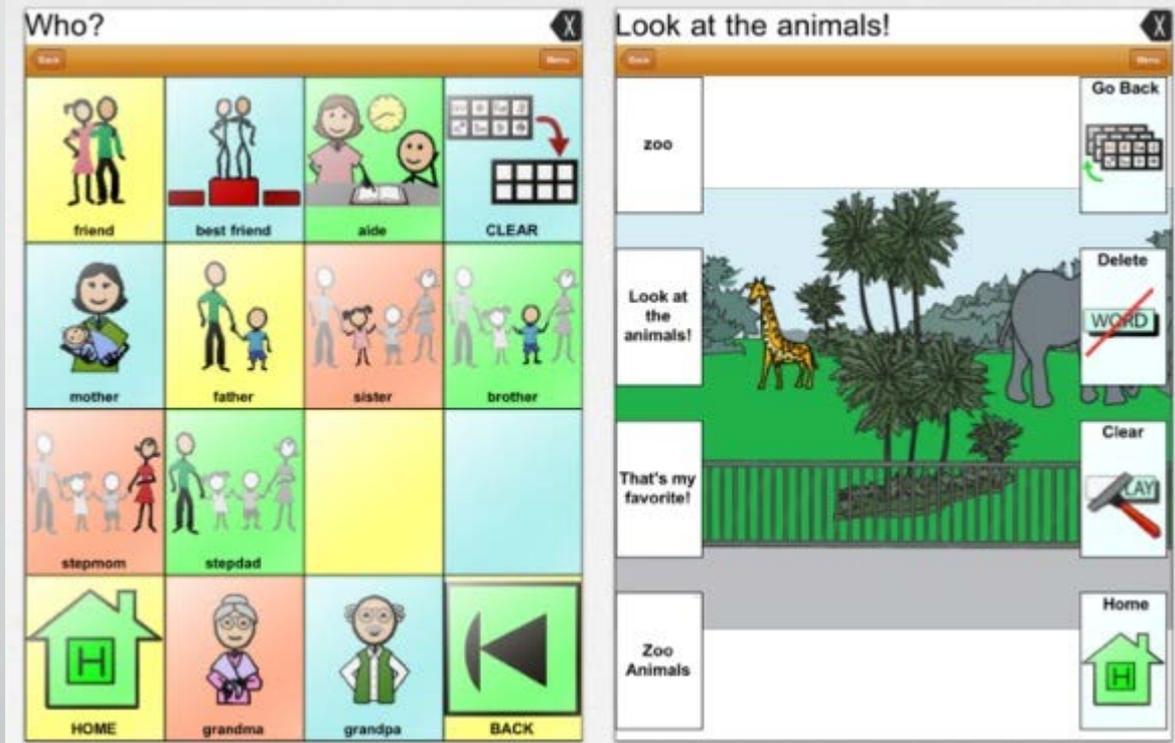


*Construct sentences using symbols and pictures.
Text-to-speech output.
Word prediction.*

<http://www.assistiveware.com/product/proloquo2go>



AAC App: TouchChat HD

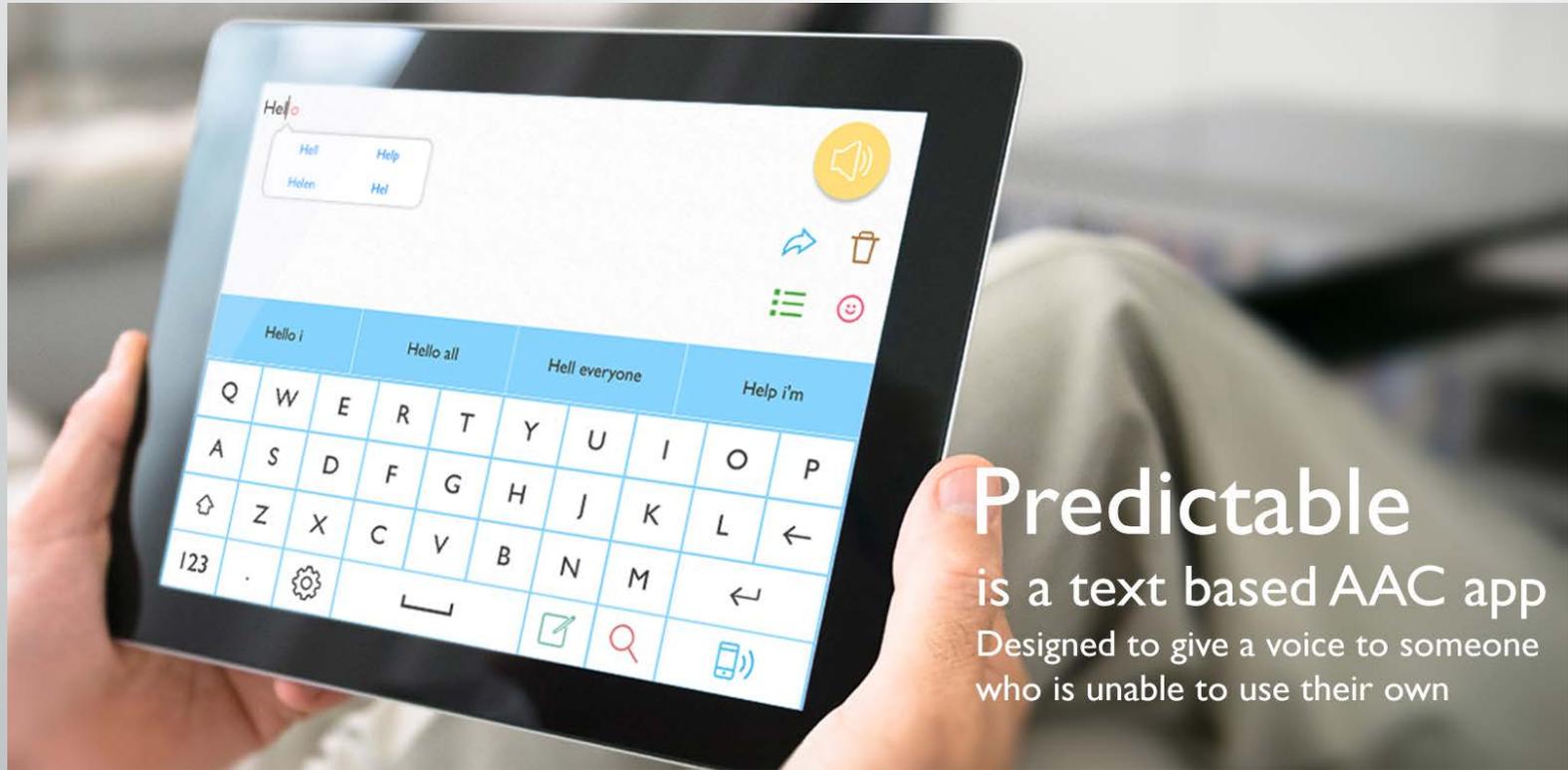


*Construct sentences with pictograms.
Text-to-speech output.
Social media capabilities.*

<https://touchchatapp.com/>



AAC App: Predictable



Predictable
is a text based AAC app
Designed to give a voice to someone
who is unable to use their own

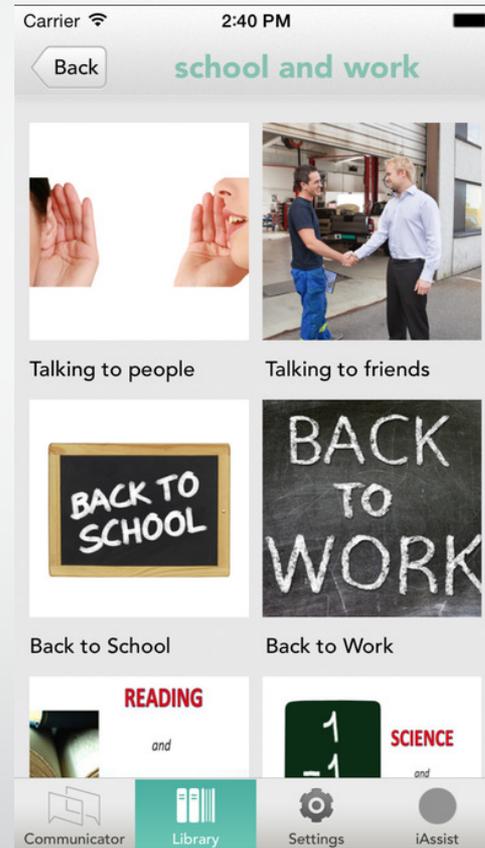
*Use text and word prediction to communicate.
Control with a switch.
Use your own voice.*

<https://www.therapy-box.co.uk/predictable>



AAC Apps: iAssist Communicator

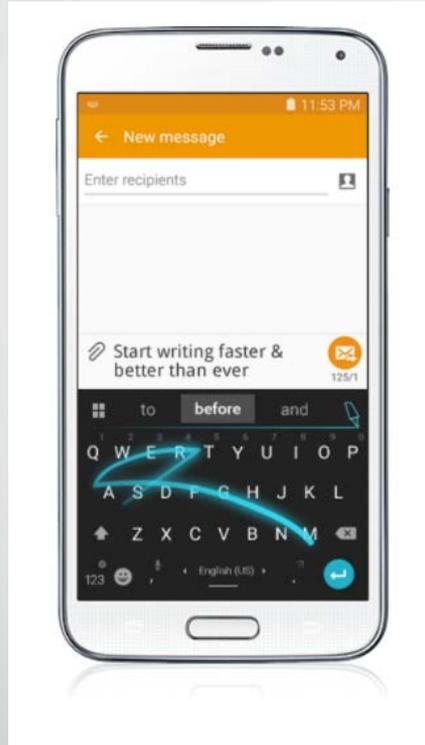
iAssist Communicator is designed specifically to meet the needs of autistic teens and adults with severe cognitive and communication challenges.



Available on the iTunes App Store



Literacy App: Ginger Keyboard

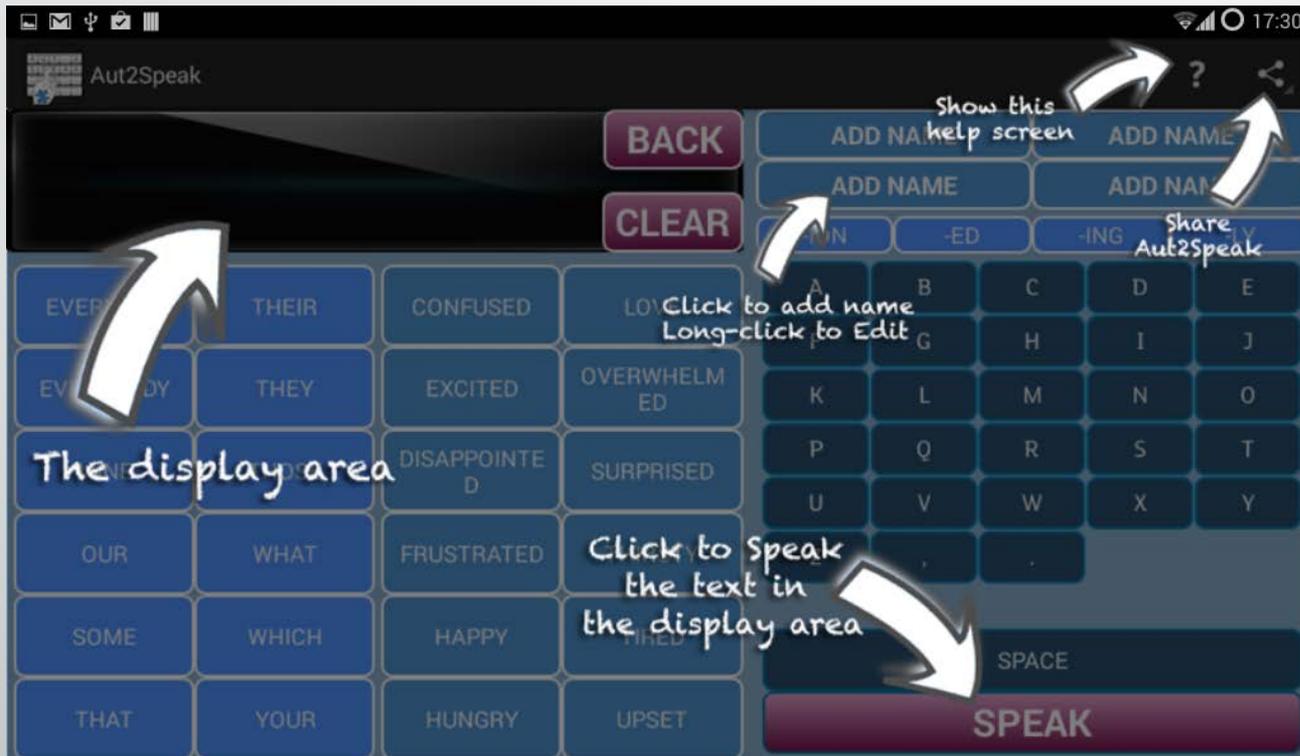


*Word prediction and proofreading.
Grammar and spellcheck.
Listen to text from keyboard.*

<http://www.gingersoftware.com>



Literacy App: Aut2Speak



*Word endings.
List of feelings and needs.
Access to Pronouns*

<https://twitter.com/aut2speak>



Anxiety App: Wait Timer

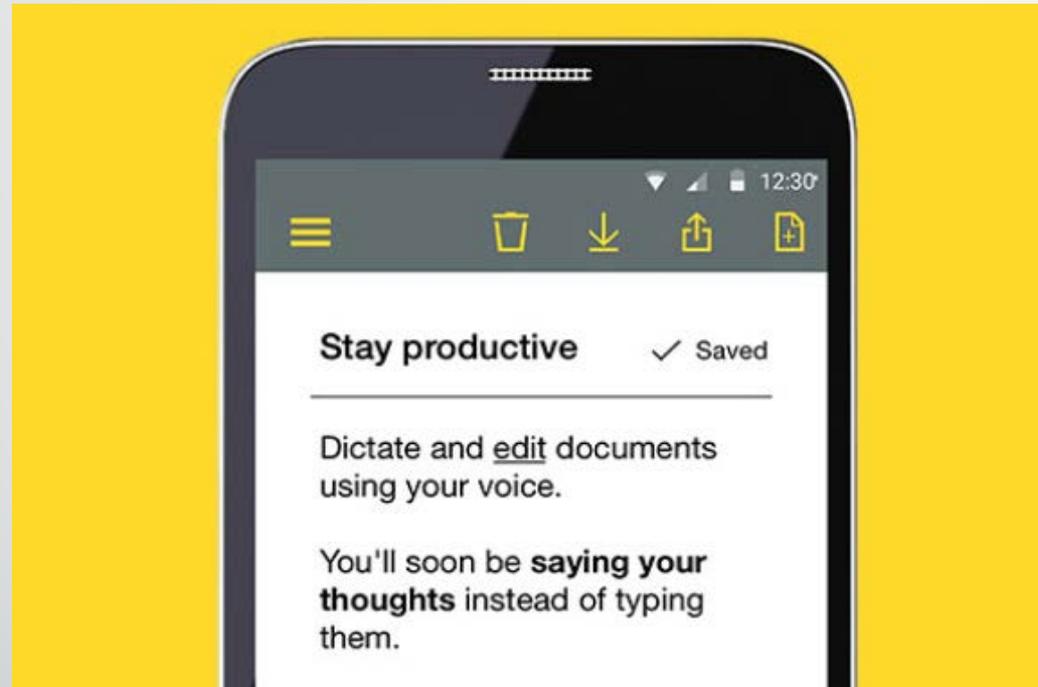


*Audio/visual timer.
Set to anytime.
Run in background.*

<http://touchautism.com>



Dictation App: Dragon Anywhere



Speak and see text.

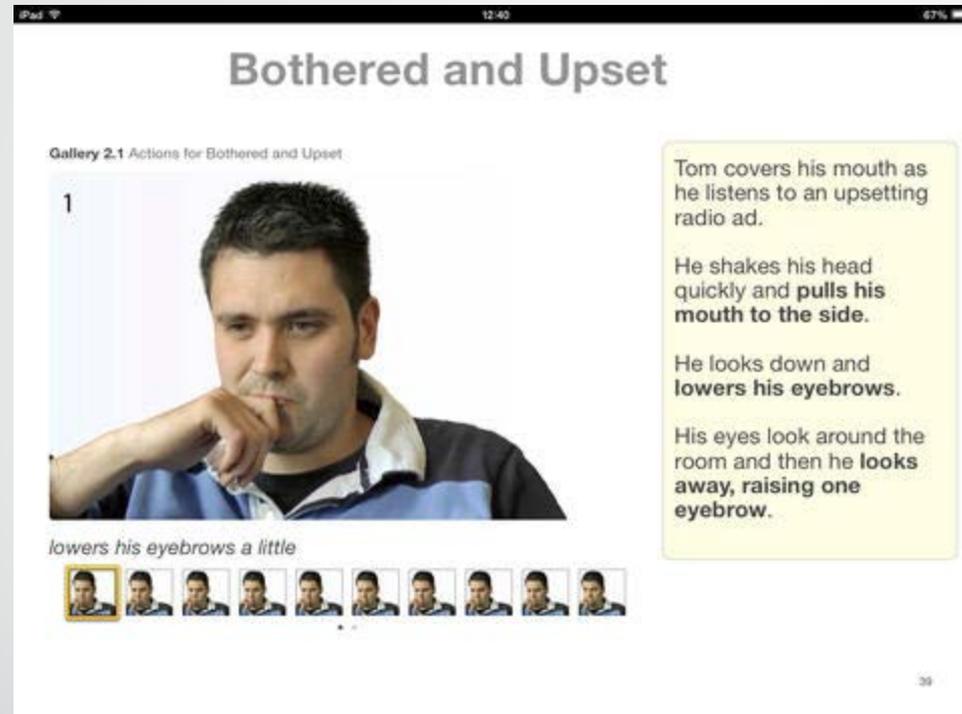
Longer text allowed and better vocabulary than Siri and Google Assistant.

Copy into apps.

<http://www.nuance.com/for-business/by-product/dragon/dragon-anywhere/index.htm>



Social App: Emotions Reader



Tool to improve facial expression and body language skills.

Available on iTunes App Store



Skill App: iLearnNEarn 2

Continued skill acquisition for adults with autism spectrum disorders including domestic and vocational.



Available on iTunes App Store



Sequencing App: StepByStep

Assess and improve the sequencing skills of users by arranging Activities of Daily Living (ADLs) into the correct order. Improves problem-solving, attention to detail, and visual scanning skills.



<https://www.soar-therapy.com/>



Want more Apps for Autism?

Autism Apps:

Autism Speaks compiles a live list of Autism Apps sortable by features, devices, ages, and searchable by keyword.



The screenshot shows the top navigation bar of the Autism Speaks website. It includes the Autism Speaks logo, links for "WALK", "DONATE", and "SHOP", and a search bar. Below the navigation bar are tabs for "FAMILIES & ADULTS", "RESEARCH", "ADVOCATE", and "GET INVOLVED". The main heading is "Autism Apps". Below this heading are social media sharing options for Facebook (7185), Twitter (286), Google+ (135), Email (766), and LinkedIn (50). A paragraph invites users to email FSDB@AutismSpeaks.org with app details. Below this is a section for "Filters" with dropdown menus for "What does it do", "On what device", and "For what ages", and a search bar for "Or search by keyword". An "Apply" button is next to the search bar. The main content area is a table with columns for "Name", "Category", "Platform", "Age", and "Supporting Research".

Name	Category	Platform	Age	Supporting Research
Sight Words by Teach Speech Apps	• Language	• iPad • iPhone	• Preschool (2-5) • Children (6-12)	No Data
1 on 1: Communicate Easy	• Accessibility • Behavioral Intervention • Communication	• iPad	• All Ages	Anecdotal

<https://www.autismspeaks.org/autism-apps>

Experience TARGET

-  targetcenter.dm.usda.gov
-  target-center@usda.gov
-  202.720.2600
-  [@usdatarget](https://twitter.com/usdatarget)
-  youtube.com/targetdiscovery
-  soundcloud.com/targetdiscovery

Start Your TARGET Experience

The screenshot shows the USDA Office of Operations TARGET Center website. The header includes the USDA logo, 'Office of Operations TARGET Center', and 'United States Department of Agriculture'. Navigation tabs include 'TARGET Center Home', 'Programs', 'Services', 'Technology', and 'TARGET 365'. A search bar is located in the top right. The main content area features a video player with a play button and a sign that reads 'Little Grass Valley ACCESSIBLE FISHING TRAIL PLUMAS National Forest'. Below the video are sections for 'What is the TARGET Center?', 'Featured Technology' (listing Amigo HD, Samsung Gear VR, and Bellman Domino Classic), and 'Experience Ability'. The 'Experience Ability' section includes a 'Join Your Inbox' form with an email address field and a 'Subscribe' button. Two orange arrows point to the 'Submit My TARGET Experience' link and the 'Subscribe' button.

Submit Request

Join Mailing List