



Healthy Living with Assistive Technology East Cobb Senior Center

February 23, 2016

www.gatfl.gatech.edu

www.amacusg.org



Accessibility Made Smart

AMAC creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- **Accessibility Consulting** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and website accessibility solutions.
- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics only using cutting-edge technology.
- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.
- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.
- **Certified Assistive Technology team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.
- For more information, please visit our website at www.amacusg.org

Mission

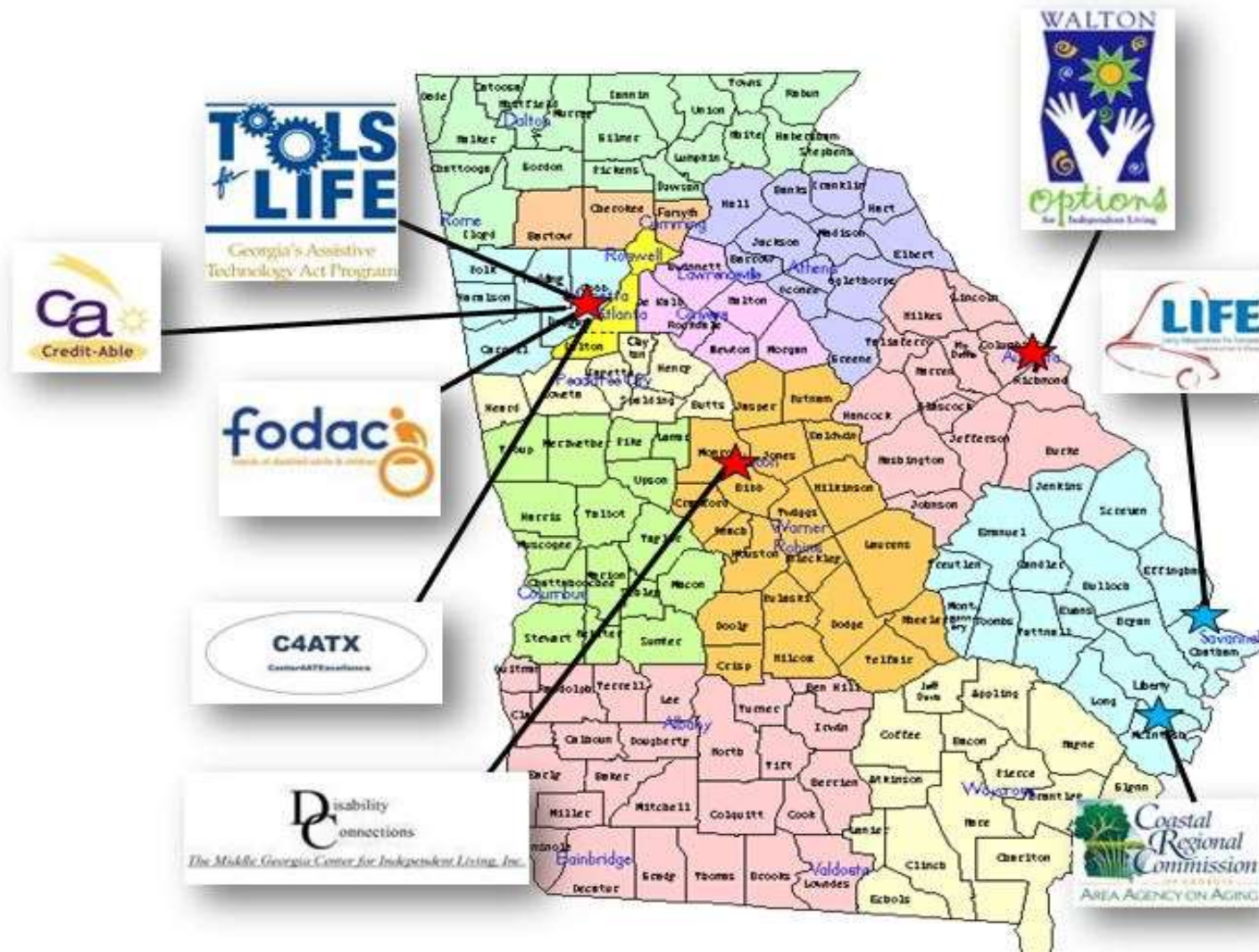
To help Georgians with disabilities gain **access to and acquisition of** assistive technology devices services so they can **live, learn, work, and play independently in the communities of their choice.**



Tools for Life, Georgia's Federal AT Act Program

- **TFL developed Georgia's Plan for AT**
 - We serve individuals of all ages & all disabilities in Georgia
 - Over 50,000+ thru various activities throughout the year
- **TFL Network**
 - Assistive Technology Resource & Outreach Centers
 - AT Lending Libraries
 - Training and Demonstrations
 - AT Reuse
 - AT Funding Education/Assistance and Resources
- **Online Resources**
 - www.gatfl.gatech.edu - 5,000 unique visitors a month

Your TFL Network is Growing!



TRAINING

FUNDING

PUBLICATIONS

TFL WIKI

MEET THE TFL TEAM

MEET THE
ADVISORY COUNCIL

DIRECTIONS/MAP

JOIN OUR
MAILING LIST

SCHEDULE A TOUR

Welcome AT Services Try AT Get AT AT Guides Research

Learn More about AT through



Hands-On Demonstrations



Welcome to Tools for Life

Tools for Life, Georgia's Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work and play independently, and with greater freedom in communities of their choice.

ROOM TOWN HALL MEETING

MAR
19

Goodwill of North Georgia
154 Hicks Drive, Rome, Georgia
30161

WEBINARS

MAR
19

[Assistive Technology Solutions
for Writing](#)

MAR
26

[Diving Beneath the Surface:
Selecting Tablets, Apps and
Accessibility Features](#)

APR
2

[Creating Accessible Documents
for Individuals with Learning
Disabilities](#)

- Current Webinar Schedule
- Webinar Archives

TOOLS FOR LIFE APPFINDER



...for Living, Learning, Working, and Playing.

AT ONLINE EXCHANGE



Defining Assistive Technology

Assistive technology – “Any item, piece of equipment, product system, whether acquired commercially, modified, or customized, that is used to increase, maintain, or improve functional capabilities of individuals with disabilities.”

Public Law 108-364



What is Assistive Technology?

Assistive Technology Device

...any item, piece of equipment or product that is used to increase, maintain or improve functional capabilities of individuals with disabilities.

Public Law 105-394 [29 USC 2201]

Low/No-tech

- pencil grip
- adapted books
- slant board
- highlighters, tape
- magnifiers
- color coding
- read to out loud
- picture schedule
- strategies for memory
- colored transparencies
- Proof readers
- note taker

Mid-Tech

- word prediction
- text to speech
- speech to text
- spell checkers
- talking calculators
- digital recorders
- organizers
- e-books
- adapted keyboard
- adapted mouse
- adapted toys
- CCTV
- apps under \$100

High-Tech

- computer/laptops
- tablets/phablets
- smartphones,
- smartpens
- OCR scanner/software
- magnification software
- speech output devices
- switch, joystick access
- scanning access
- voice recognition
- environmental control devices
- apps over \$100

Why Assistive Technology?

- For a person without a disability, technology makes things easier....
- For a person with a disability, technology makes things possible.



Hearing



- Natural deterioration
- Tinnitus
- Conversation, socialization, and communication impacted
- Ability may vary place to place
- Hearing aids often problematic

AT Helps!

- Assistive Technology strategies and solutions can help support individuals with a variety of disabilities in all areas of life. AT helps to bridge the gap and provide solutions to problems with:
 - speaking
 - hearing
 - seeing
 - moving around
 - getting places
 - memory
 - cognition (thought processes and understanding)
 - daily living activities, such as dressing and preparing meals
 - socializing

Normal Effects of Aging



- Hearing
 - Vision
 - Neuro-sensory system
 - Skeleto-muscular
 - Intellectual functioning
 - Social supports
-
- Influenced by genetics, lifestyle and environment

Neuro-sensory and Skeloto-muscular Systems



Changes in

- Strength
- Balance
- Endurance
- Range of motion
- Sensitivity to temperature changes
- Sensitivity to pain and trauma

Intellectual Functioning



- Processing may take longer
- Long-term memory often better than short-term memory
- Motivation varies to learn and do things differently

Staying off the FAST Track!



- ✓ **Frustration**
- ✓ **Anxiety**
- ✓ **Stress**
- ✓ **Tension**

- Lee & Phillips

Effective AT Assessment



- Uses a feature-match approach
- Incorporates on-going educational/life planning
- Hanging out with Intent
- Targets natural environments
- Utilizes the competencies of multiple team member
- Demands meaningful follow-through

Assistive Technology Matching: A Team Approach



- ✓ The Person with the disAbility
- ✓ Circle of Support – Family of Choice
- ✓ Case Managers
- ✓ Technologist
- ✓ Occupational Therapist
- ✓ Speech & Language Pathologist
- ✓ Physical Therapist
- ✓ Engineer

AT Funding Resources

Dollars and Sense



- Web-based Funding Guide
- A resource for locating funding sources for AT devices and services. This guide was developed to make the funding process easier and to assist consumers in getting the assistive technology they need.
- New resources added frequently!

[FEEDBACK](#) | [DICTIONARY](#) | [CONTACT US](#)

DOLLARS & SENSE

NAVIGATING THE AT FUNDING STREAM

Text size: **S** **M****L**[HOME](#)[GETTING
STARTED](#)

Please use the drop-down lists below to search...

Age Groups Served

Show all ages

Geographic Areas Served

Show all geographies

Serves People with the Following
Disabilities

Show all disabilities

Type of Funding Provided

Show all funding sources

Types of Services Provided

Show all services provided

[SAMPLE
MATERIALS](#)[AT
RESOURCE
CENTER](#)

Screen shot of dollars and sense page

FEEDBACK | DICTIONARY | CONTACT US

DOLLARS & SENSE

NAVIGATING THE AT FUNDING STREAM

Text size: [S](#) [M](#)

[L](#)

HOME

Dollars and Sense Homepage | Resource Center

GETTING
STARTED

AT Resource Center

Frequently Asked Questions (FAQs)

FUNDING
SERVICES
AND
SERVICE
PROVIDERS

1. How can I get funding to pay for home modifications?

There are a variety of different funding opportunities for home modifications. Listed below are a few:

SAMPLE
MATERIALS

- [Georgia Dream Homeownership Program](#)
- [Credit-Able](#) – Georgia's Alternative Loan Program for Georgians with disabilities
- [Social Security PASS Plan](#), allows for individuals to save money for a specific purchase
- [211](#) - United Way telephone number to find human service answers
- [Aldergate](#), homes for developmental disabilities
- [Brain and Spinal Cord Trust Fund](#)
- [Joni Foundation](#)
- [USDA Rural Development Section 502 Rural Housing Loan Guarantee](#)-The purpose of this loan program is to enable eligible low- and moderate-income rural residents to acquire modestly priced housing for their own use as a primary residence. The program is available for the purchase and repair of existing and newly constructed dwelling. There is

AT
RESOURCE
CENTER

Direct AT Service Activities



- FREE resource for finding and exchanging assistive technology (AT) devices online
- Place an ad requesting items for sale, donation, or needed
- gTRADE and Tools for Life encourages members to offer AT devices and information for sale or by donation to others who may benefit from using technology and equipment no longer in need by others
- This online equipment exchange program was developed to make to make AT devices and services available and accessible to Georgians with disabilities
- www.gtradeonline.org

Credit-Able Program Criteria



To receive a Credit-Able Loan you must be:

- A resident of Georgia

AND

- An **individual** with a disability

OR

- A **family member** or legal guardian of an individual with a disability

OR

- An **employer** of an individual with a disability
- Able to pay back the loan
- Using the loan to buy assistive technology equipment and services

Range of Loans, Terms, and Interest Rates



- Range of Loans Approved: **\$250 to \$55,000**
- Length of Loans Approved: **6 months to 8 Yrs**
- Interest Rates: **5.0 % - 9 %**

The Bottom Line: YOU Save Money!



Traditional Financing

- \$2,000
- 22% (rate of average credit card)
- 3 year term
- Monthly payment = \$76.38
- Total interest paid = \$749.71

Credit-Able Financing

- \$2,000
- 5.4%
- 3 year term
- Monthly payment = \$60.30
- Total interest paid = \$170.86

Total interest saved: \$578.85

A Closer Look at AT Solutions

AT for Hearing

Pocket Talker

- Sound amplifier
- Decreases background noise
- Works for individuals with ADHD



TV SoundBox Speaker Receiver

- No more straining to hear your TV from far away
- Volume control works independently from your TV speaker
- Wireless and lightweight



AT for Vision

Illuminating Magnifier



- 5x LED Lighted
- Compact

Magnifier sheet

- Hands Free
- 3X Magnification



20/20 Vision Panoramic Rear-View Mirror



AT for Self Feeding

- **Non-Slip Placemat**

- Keep plates/ items from moving
- Use on Roller walkers
- Cut to fit



- **Freedom Dinnerware**

- Low vision, Alzheimer's, Arthritis, stroke
- Suction keeps from moving
- Helps with getting food on utensils



AT in the Kitchen

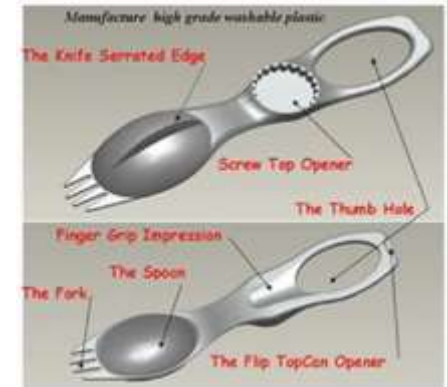


Cutting Board

- One-handed
- Low vision

The KFS Easy Eat Fork

- Light weight utensil
- Rocker knife
- One-handed or limited grip



Rocker Knife

One- handed cutting

Health and Wellness

EpicID Emergency ID Band



- Easy for first responders to access
- Salt water safe USB with a durable stainless steel clasp and USB cover
- No subscription or internet connection is required
- Plug this USB into your computer and input or update your personal information medical history and insurance information
- Both PC and Mac compatible

Health Smart Thermometer



- Compact and easy to hold
- Talking thermometer
- Large, backlit LCD screen with LED fever alarm indicator
- 30-reading memory storage
- Date and time display
- Fahrenheit/Celsius switchable

Memory



- **Reminder Rosie**

- Alarm Clock
- Personal Voice Reminder
- Easy to use



MedCenter System

- Organizer with Reminder System
- Monthly display
- Alarm
- Talking

Dressing and Bathing

- Sock aid
- Elastic shoe laces
- Dressing stick
- Long shoe horn
- Long handle bath sponge



Personal Assistance

FreedomWand



- Toileting
- Hygiene
- Grooming

Home Bed Assist Handle



- Slides under mattress
- Provides a safe, secure grip for assistance getting in & out of bed

Mobility & Transportation



**Silicone SeatBelt
Reach Extender
Helper**



HandyBar

- Automotive Standing Aid
Emergency Escape Tool
Window Breaker and Seat
Belt Cutter



**Deluxe Swivel Seat
Cushion**

- Convert stationary chairs into swiveling chairs to reduce the strain on your back and hips. Soft 1 3/8 inch foam cushion helps bring more comfort to your chair.
- The seat cushion swivels 360 degrees for smooth, easy movement in either direction.
- Great for home, office or travel use; easily get in and out of vehicles
- Portable and lightweight yet supports up to 300 pounds
- Non-skid, flexible swivel base contours to seat and stays in place.

Recreation



Playing card holder



Computer Access

ZoomText Keyboard

- Yellow Keys
- Easy to See
- Large Keys
- USB port



Logitech Trackman Marble Mouse

Large trackball improves control while reducing hand and wrist motion



ValueRays® Heated Mouse, Infrared Heat



Communication

- Go Talk 9+
 - is lightweight and rugged
 - 45 message capacity and five recording levels
 - three “core messages” which stay the same on each level so you don’t need to re-record essential messages for each level



Emergency

Serene Innovations Kit

- Detects and alerts you to WEA* public emergency broadcast warnings of impending emergencies or disasters.
- Includes wearable unit, doorbell, home/cell phone ringer/flasher, and bedshaker



Personal Pager

- Alert family/caregiver for assistance

- Can alert with chime or vibration
- Wireless transmit up to 100 feet



Safety Tape for Low Vision- Yellow
Clearly Mark Hazardous Areas to Prevent Injuries

\$3.00



VGo Telepresence Robot

- Enables a person to replicate themselves in a distant location and have the freedom to move around as if they were physically there
- Reduces travel costs
- School
- Hospital
- Work from home



Kubi

- Telepresence
- \$499
- Uses a tablet
- Uses free conference sites
 - Google Hangout
 - FaceTime
 - Skype



TFL AppFinder



Search by:

- ✓ App Name
- ✓ Categories

- Book
- Education
- Environmental Adaptations
- Hearing
- Cognition, Learning, Developmental
- Navigation
- Personal Care and Safety
- Productivity
- Communication
- Therapeutic Aids
- Vision

LET'S EXPLORE OUR FAVORITE APPS!



MyMedSchedule



- Keep track of medication
- Reminders
- Refill Reminders
- Healthcare Provider Profiles
- Insurance Information
- Allergies
- Works across Platforms
- Free
- www.mymedschedule.com



Key Ring

- One Place to store all reward cards
- Organized
- Android & Apple version
- www.keyringapp.com
- **Free!**



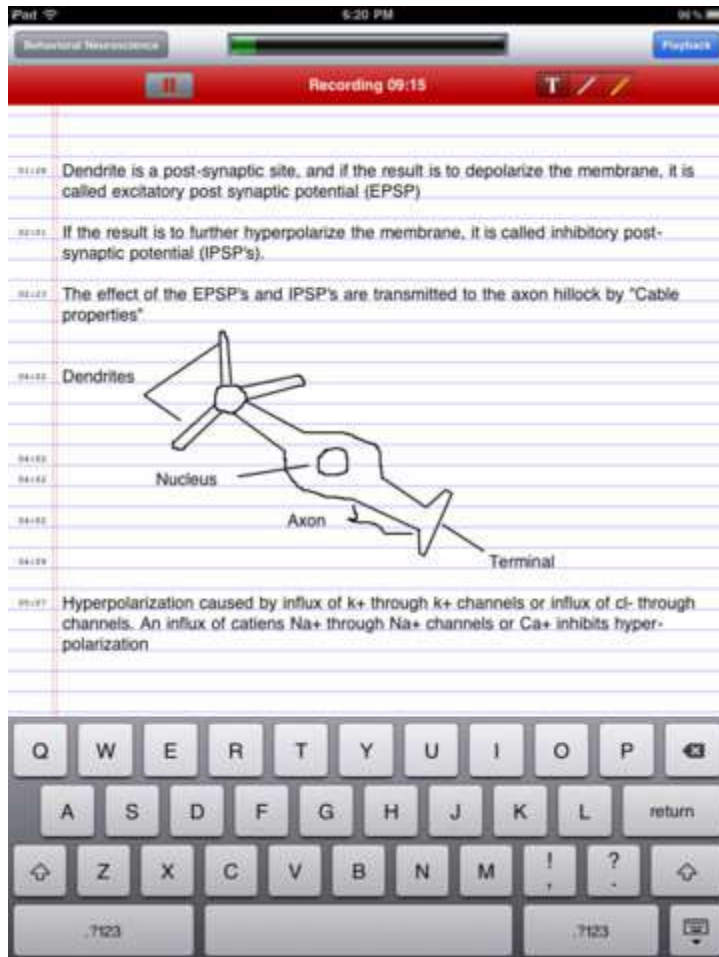
Fooducate



- Track calories
- Provides healthier options
- Educates on food ingredients
- Save favorites
- Create lists
- App for allergies and gluten-free
- App for diabetes nutrition
- Free
- www.fooducate.com



AudioNote



- Records your notes, meetings or lectures
- Can take notes by typing, stylus, or drawing
- Time stamps so you can go directly to where you want to hear
- Highlights notes when read back
- \$4.99

Reading Apps

- Free Books
 - Free
 - Over 23,000 titles
 - Audiobooks
- Newspaper
 - Free
 - Newspapers from 150+ countries
 - Over 20,000 newspapers



- Overdrive Media Console
 - Free
 - Must have library card
 - Download ebooks and audiobooks on the go



More Reading Apps

- Learning Ally



- [DAISY](#)
- Membership required
- over 75,000 audiobooks, audio textbooks, and other recorded books

- Audible.com



- Over 100,000 titles
- Works on both Android and Apple
- \$7.00-\$22.00 per month

ICE





In Case of Emergency

- Emergency contact list
- Central place for you to record any medications
- List allergies or medical conditions
- Pre-loaded medical information to choose from
- Free
- www.ice-app.net



Favorite Navigation Apps

- Around Me 
 - Identifies where you are
 - Lists what is around you
 - View route to place from where you are
 - Add information to contact list

- Talk and Drive Waze 
 - Operate your map applications simply by talking
 - Launch the application, say your destination

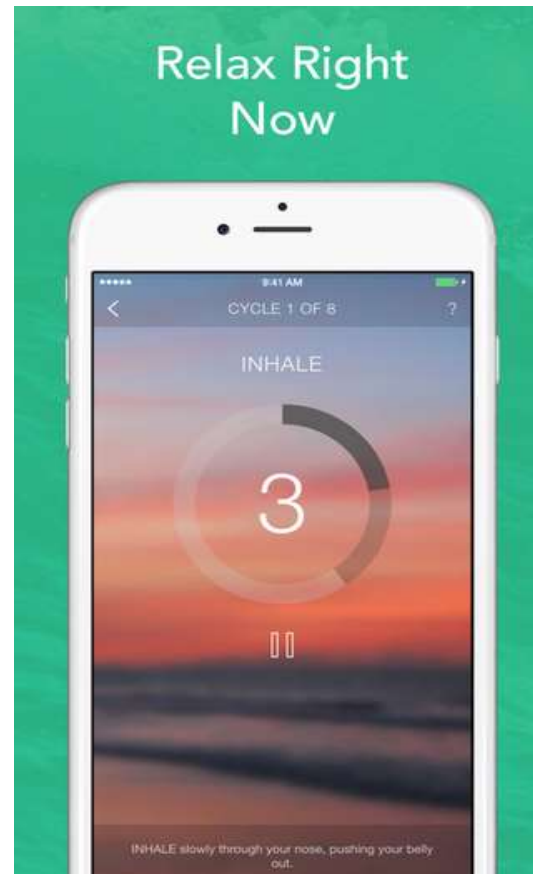


iZen Garden



- Choose from 100s of objects, plants and creatures to place in your garden
- Rake the sand and share your creations
- Helps you to center your mind, relax your psyche and relieve your stress

Pacifica



Monitor and track mood, anxiety, depression

Several methods of relaxation to choose from

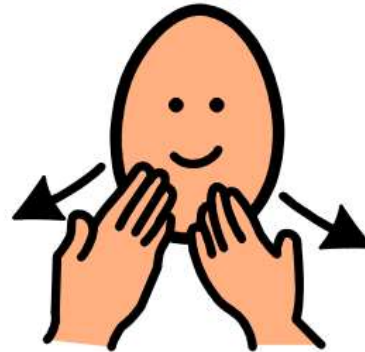
Connect with others for support in real-time



**My Question to You:
What have You Learned today?**

Thank You!

thank you



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Disclaimer

This presentation is produced by Tools for Life which is a result of the Assistive Technology Act of 1998, as amended in 2004. It is a program of the Georgia Institute of Technology, College of Architecture, AMAC Accessibility Solutions and Research Center and was made possible by Grant Number H224C030009 from the Administration for Community Living. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of HHS.