



Discover What's Possible: Adaptive Equipment and Strategies Showcase

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Station 1: Labeling and organizing your home

- **Print and braille labels** – labels with both readable print and tactile braille for identifying items independently.
 - APH labels
 - Brother P Touch Label Maker White on Black Tape
 - Reizen
- **The 3 Cs:** categorization, coordination, consistency
- Alphabetizing products
- **Bump dots** – small, raised stickers used to mark buttons, settings, or key locations by touch.
 - MaxiAids
 - Amazon
 - Directional Bump Dots
- Tactile and sensory discrimination

Station 2: Cooking safely in the kitchen

- Tactile Measuring cups
- Black/White Cutting Board
- Cut Resistant Safety Gloves
- Egg Cracker
- Adaptive Cutting Utensils
- Low Vision Timer
- Meat Thermometer
- Liquid Level Indicator
- Toaster Bag
- Stainless Steel Cutlery Finger Guard
- Oven Rack Push Puller

Station 3: Apps for everyday life

- Be My Eyes – connects users with sighted volunteers or AI support for visual assistance.
- Seeing AI – uses the camera to read text, describe scenes, and identify items.
- Magnifiers - Preinstalled on Apple and Android – uses the phone camera to enlarge text, objects, and details for easier viewing.
 - [Magnifier - Apple](#)
 - [Magnifier - Android](#)
- Make it BIG – displays large, high-contrast text on the screen for quick face-to-face communication.
 - [Make it Big - App Store - Apple](#)
 - [Make it Big - Play Store - Android](#)
- TapTapSee – identifies objects by taking a photo and speaking the result aloud.

Station 4: Being alerted properly

Bellman and Symfon Alerting System

Bellman & Symfon Alerting System: a home alerting system that uses visual, vibrating, or audible alerts for doorbells, alarms, phones, and other important signals.

- Transmitter options:
 - Smoke Alarm
 - CO Alarm
 - Doorbell
 - Baby monitor
 - Push button
 - Telephone
- Receiver options:
 - Flashing light
 - Pager
 - Alarm clock
 - Bed shaker
 - Watch receiver

- Bridge Bluetooth to Smart Watch or Cell Phone

Serene Innovations

Serene Innovations – alerting and communication products that use flashing lights, vibration, and amplified sound to support awareness of home signals.

- Transmitter options:
 - Doorbell or door knocker
 - Fire alarm
 - Baby-cry
 - Emergency SOS Help Button Transmitter
 - Motion detector
 - NOAA Storm Alert Sensor
 - Cell Phone
- Receiver options:
 - Lamp flasher
 - Portable receiver or pager
 - Cell phone dock
 - Alarm clock
 - Bed shaker

Station 5: What's all the fuss about braille display and voiceover?

Braille Displays

Braille displays are refreshable devices that connect to a phone, tablet, or computer and turn on-screen text into tactile braille. Devices like the Mantis Q40 and Brailliant allow users to read, type, navigate apps, and access digital information through braille. An emerging technology is multi-line braille, which offers more than 1 line of braille at a time, and even some graphical output of images.

Screen Readers

Screen readers are built-in accessibility tools that speak what is on the screen and help users navigate devices without relying on vision. Braille displays work in tandem with screen readers to provide braille output. VoiceOver is used on Apple devices, and TalkBack is used on Android devices.

Braille display resources

- [General braille display overview – RNIB](#)
- [Braille display overview – Texas School for the Blind and Visually Impaired](#)
- [Free NLS eReader](#)
- [Mantis Q40 – HumanWare support page](#)
- [Brailliant BI 40X – HumanWare product page](#)
- [Brailliant BI 40X – HumanWare support page](#)
- [Dot Pad X Product Page](#)
- [AppleVis: Using braille displays on iOS: an introduction](#)

VoiceOver

- [VoiceOver gestures on iPhone – Apple Support](#)
- [Hadley Helps: VoiceOver Series](#)
- [AppleVis: Beginner's guide to VoiceOver](#)
- [Rutgers VoiceOver Training Series:](#)

TalkBack

- [Turn on TalkBack – Google Android Accessibility Help](#)
- [Get started with TalkBack – Google Android Accessibility Help](#)
- [Hadley Helps: TalkBack Series](#)

Station 6: Ways to communicate

Communication access may include spoken language, ASL, tactile ASL, visual sign, written communication, captioning, communication cards, assistive listening technology, haptics, and hand-under-hand support.

Speech-to-text and captioning tools

Mobile apps and built-in device features that convert spoken language into readable text in real time.

- [Live Transcribe – Android](#): Converts spoken language into real-time text on Android devices to support access during conversations, meetings, and community interactions.
- [Live Captions – Apple](#): Displays real-time captions for spoken audio on supported Apple devices to help users follow speech, media, and conversations visually.
- [Rylo](#): Supports captioned phone calls and in-person conversations with real-time captions and typed responses.
- [InnoCaption](#): Provides real-time captions for phone calls to support clearer telephone access for people who are Deaf or hard of hearing.

Assistive listening technology:

Microphones and remote microphone systems that can improve access to speech in small groups, meetings, classrooms, restaurants, and community settings.

- [Mini Mic Pro](#): A portable microphone option that helps bring a speaker's voice closer to the listener in one-on-one or small group settings.
- [Lapel microphones](#): Wearable microphones that can improve speech clarity by keeping the microphone close to the speaker's voice.
- [Roger On](#): A remote microphone system that helps improve access to speech in noise, at a distance, and during group conversations.
- [Starkey Edge / StarLink Edge](#): Hearing technology accessories that support access to speech, phone audio, and other sound sources when used with compatible Starkey devices.

Communication cards and digital communication supports:

Simple tools that support quick exchanges when communication is difficult, rushed, noisy, unfamiliar, or time-sensitive.

- Paper communication cards: Low-tech cards that can include large print, braille, tactile symbols, or short messages for travel, emergencies, medical, vocational, and everyday interactions.
- Digital communication cards: Phone or tablet-based communication supports that allow users to type, enlarge, show, or speak a message.
 - [Apple Notes](#): Built-in Apple app that can be used to type, enlarge, save, and show messages quickly.
 - [Google Keep](#): Android-friendly note app that can be used to create, organize, and display quick communication messages.
 - Big Note: Communication app that supports large text, speech-to-text, text-to-speech, and quick message display.
 - [Apple Big Note](#)
 - [Android Big Note](#)
 - Make It BIG: App that displays large, high-contrast text for quick face-to-face communication.
 - [Apple Make it BIG](#)
 - [Android Make it BIG](#)

[Communication Cards Webinar](#): provides examples and guidance for using communication cards to support quick, clear interactions in the community.

Visual access supports for people who use visual sign:

Strategies that improve visual communication access for people who use visual sign.

- Use solid contrasting tops.
- Stand or sit in front of a clear visual background.
- Position yourself where the person can see you clearly.
- Improve lighting and reduce glare.
- Reduce visual clutter.

- Adjust signing pace as needed.

Hand-under-hand and haptic communication strategies:

Respectful tactile communication methods that support access, consent, orientation, and environmental information.

- Hand-under-hand: A respectful tactile strategy used to invite participation, gain attention, explore objects, and share information without forcing hand movement.
- Haptics: Touch-based cues used to share environmental, social, and communication information such as entering or leaving a room, room mapping, laughter, smiling, movement, or changes in activity.
- [Haptic Communication Book](#): introduces touch-based communication strategies for sharing environmental, social, and emotional information with DeafBlind people.
 - [Haptics Dictionary](#)
 - [Haptics App for iPhone](#)
 - [Haptics App for Android](#)

Protactile communication strategies

- Protactile: a touch-based approach to communication and connection that centers tactile access for DeafBlind people. It uses touch to share language, environmental information, feedback, and social cues in real time.
- [Protactile Philosophy Webinar](#): explains Protactile principles that emphasize touch-based access, connection, and communication for DeafBlind people.

Orientation and mobility communication support:

Resources and strategies that support safe travel, orientation, environmental awareness, and communication during movement.

- [Shore Orientation & Mobility](#): provides orientation and mobility resources and services that support safe, confident travel, environmental awareness, and independent movement.