

ASSISTIVE TECHNOLOGY AND BRAIN INJURY

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www.EasterSealsTech.com

Today's Presentation

- Overview of AT services and supports at Easterseals Crossroads
- Define AT and briefly review some considerations when choosing a support for someone
- Identify tools and strategies for:
 - Memory (appointments, tasks, etc.)
 - Completing multi-step tasks
 - Organization
 - Capturing Information
 - Maintaining attention and focus
 - Object recognition
 - Reading and Math
 - Visual Deficits
 - Communication (written and spoken language)

INDATA Project Overview

- **Federally funded grant**
- **Spread the word about assistive technology**
 - Social media
 - Presentations
 - Teach at universities
- **Get people's hands on assistive technology**
 - Lending library
 - Device demonstrations
 - Equipment reuse program (The Depot)
 - Low interest bank loans (AFP program)

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Clinical Assistive Technology Program

Started in 1979

- Blind Services Grant
- Rehab Engineering Grant
- Workplace accommodations Grant

Disabilities

- All Inclusive
 - Physical
 - Cognitive
 - Sensory
 - Developmental

Ages

- All Ages
- Children and Adults

Locations

- Home
- School
- Workplace

Statewide services

- All 92 counties in Indiana

Qualifications

- RESNA Certified (ATP)
- ACBIS Certified (CBIS)
- The Back School Certified (CEAS)
- CARF Accredited
- Multi-Disciplinary Service Offering

What is Assistive Technology?

Generic term for devices and modifications that help people overcome or remove barriers created by their disability.

Any device or system that allows a person with a disability to perform a task they would otherwise be unable to do.

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Goals of Assistive Technology

- Increase efficiency and/or effectiveness
- Allow a person to stay or return to their home or workplace
- Support or replace lost or altered skills.
- Avoid Injury
- **Increase independence**



WHERE
DO I
START



Let's take a poll

Who has a cell phone?

Keep it up if it is a smart phone.

Keep it up if you use it for reminders.

Keep it up if you use it for pictures.

What else do you use it for?



So what's the point?

- Always start with familiar tools and strategies
 - what are they currently using
 - what might be readily available
 - does it working for them
- If something isn't working can it be adjusted to better meet their needs?
- Recognize that there is no one-size fits all solution
 - A phone might be great for some and not for others

What if that isn't working

Consider new tools or strategies if the current tools are not working.

Considerations when selecting a new device

- The person's abilities (physical, visual, cognitive)
- Set reasonable expectations
- Are they receptive to change
- Personal preference
 - if they don't like, they'll never use it.
- Consider future supports



AND



Calendars



Paper Calendars (\$10+)



Built-in Calendar (Free)
iOS and Android



Cozi Calendar (Free)
iOS and Android



Watchminder 3 (\$70)



Apple Watch (\$\$)

Reminders:



Paper ToDo Lists (\$10+)



Calendar Apps (.99cents to \$10)



Tile Bluetooth Tracker (\$50-60)



Aida Reminders (\$1.99)



Voice Cues (\$100)

Timers:



Built-in Clock Apps (Free)



Visual Timers (\$10-\$20)



30/30 (Free)
iOS and Android

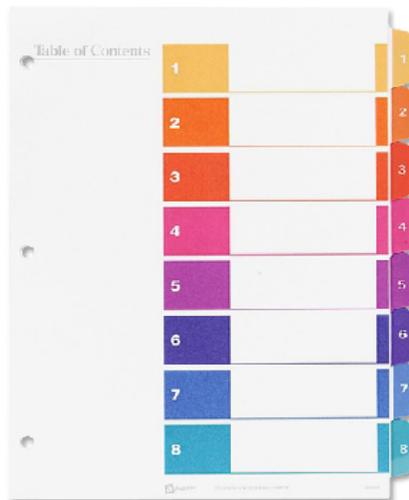


Wearable Technologies (Price varies)

Organization Tools and Supports



Colored Folders, Post-it Notes, Highlighters, Dots (Price varies)



Numbered Table of Contents, Stickers, etc. (Price varies)

Tools for Capturing Information:



Digital Recorder (\$25)



Livescribe Pen (\$180)
IOS, Android, Windows, Mac



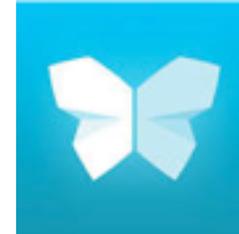
AudioNote App (Free)
IOS, Android, Windows, Mac



ToDoist App (Free)
IOS, Android, Windows, Mac



+



Evernote + Scannable App (Free)
IOS, Windows, Windows, Mac

Attention and Focus Tools:



Marsee Noise Cancelling Headset
(\$50-\$75)



Bose Quiet Comfort Headset
(\$225-\$300)



Simply Being App
(iOS, Android)
(\$1.99)



iCounselor App Series
(iOS, Android)
(\$.99cents)

Identification Tools & Apps:



Envision ID Mate Barcode Scanner
(\$1299)



Looktel Recognizer App (\$10.99)
iOS, Android



TapTapSee App (Free)
iOS, Android



Microsoft Seeing AI (Free)
iOS only

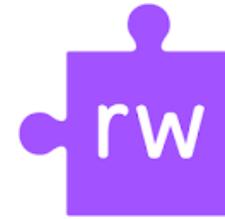
Reading, Writing and Math Tools:



ClaroPDF Pro (\$6.99)
IOS, Android



iReadWrite (\$19.99)
IOS, Android



Chrome Add-ons and Extentions
(Prices vary from free to \$150 a year)



yHomework App (Free)
IOS, Android



PhotoMath App (Free)
IOS, Android



Voice Recognition Software (Mac, Windows, Android and iOS)

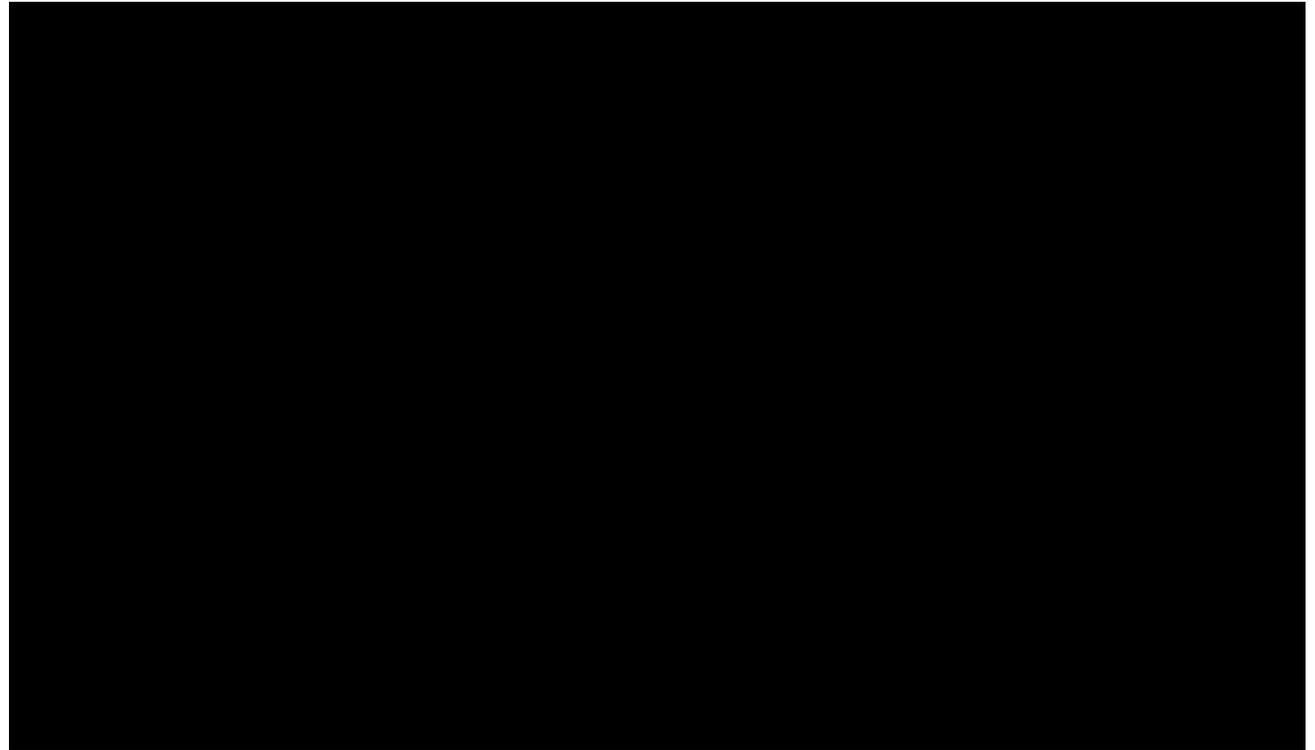
Multi-step Instructional Tools:



MeMinder (\$99.00)
Android, iOS soon



Visual Impact 3 App (\$74.99)
IOS, Android



Communication Tools and Apps



Dedicated communication devices (prices vary greatly)



Verbally Premium (\$99.99)
iOS, Android



Proloquo4Text or Proloquo2Go (\$119 to \$250)
iOS, Android

Questions?

- Consider us a resource for all your assistive technology questions

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