

Assistive Technology

Examples for education beyond AAC devices.

Assistive Technology considerations in school and home:

- ✓ **Mobility Aids** – Wheelchairs, walkers, scooters, and adaptive driving controls
- ✓ **Communication Devices** – Text-to-speech apps, computers that talk, and alternative keyboards
- ✓ **Hearing & Vision Aids** – Hearing aids, braille displays, and screen readers
- ✓ **Adaptive Tools for Daily Life** – Grip aids, one-handed keyboards, voice-controlled smart home system, classroom participation. Universal design, use for devices

Technology allows greater Independence:

- ✓ Someone using a power wheelchair can navigate their environment without assistance. Gaining independence in school and home.
- ✓ A person with low vision can read books, emails, and websites using screen readers or magnification software. The student can participate or lead their IEP.
- ✓ Individuals who cannot speak can express their thoughts using speech-generating devices

Reminder Tools:



Reminder Rosie



Visual picture schedules



Reminder watches

Timers:



Time Timers



Built in Timers

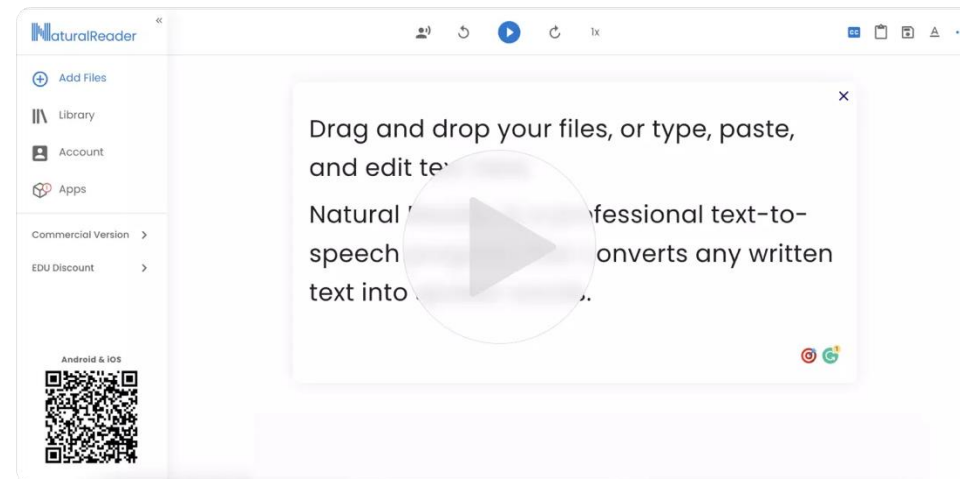
Reading Tools:



Scanning Reading Pens



C-Pen Reader 3



Reading Software

Recording tools:



Digital Recorders

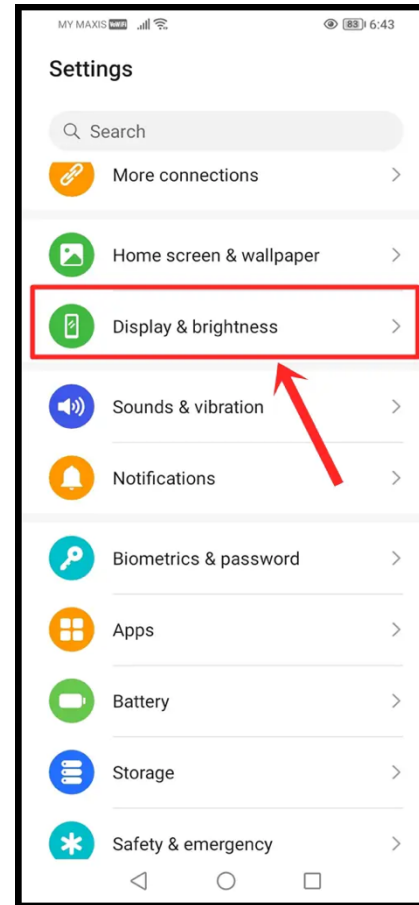


Recording Pens

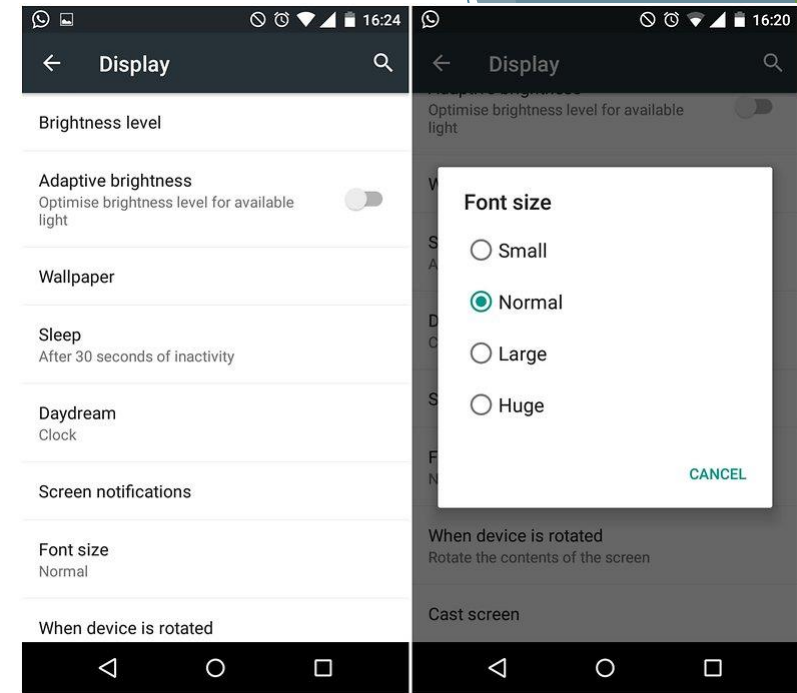
Making Smart Phones Simpler:



Larger Apps on your Phone



Increase brightness or add contrast



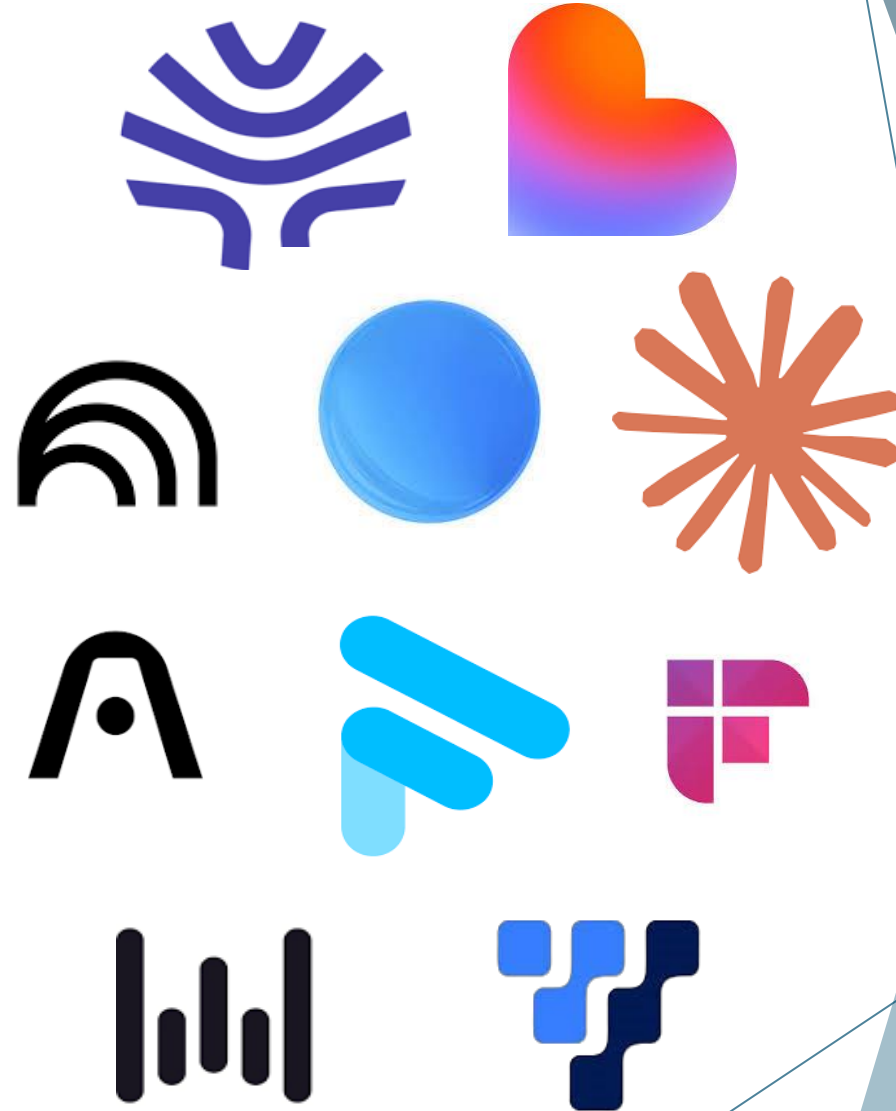
Larger Print

Built in Computer Options:

- ▶ **Accessibility** features already built into systems they currently use (like Microsoft Windows, iOS, and Google Workspace), which require zero procurement time or cost.
 - Windows 11 Voice Access (built on Dragon technology) & Narrator/NVDA
 - macOS Voice Control & VoiceOver
 - Android Voice Access & TalkBack
 - iOS Voice Control & VoiceOver
 - Microsoft Copilot
 - Google Gemini

Part 4: Leveraging AI

- ▶ AI tools for accessibility
 - Voiceltt
 - Wispr, Willow Voice, Aqua Voice
 - Notebook LM
 - Plaud
 - Fathom, Fireflies
 - Claude Code, Lovable



Low Vision simple devices:



Magnifier



Talking Watches



Large Print Calendars



Low Vision Aides

Hearing:



Voice
Amplifier

Pocket Talker



Home alerts



Ring Signaler

Communication Devices:



Prentke Romich Accent



Tobi Dynavox: Eye Gaze



Ablenet
Freestyle



Talk to Me
Technologies

Easier to do:



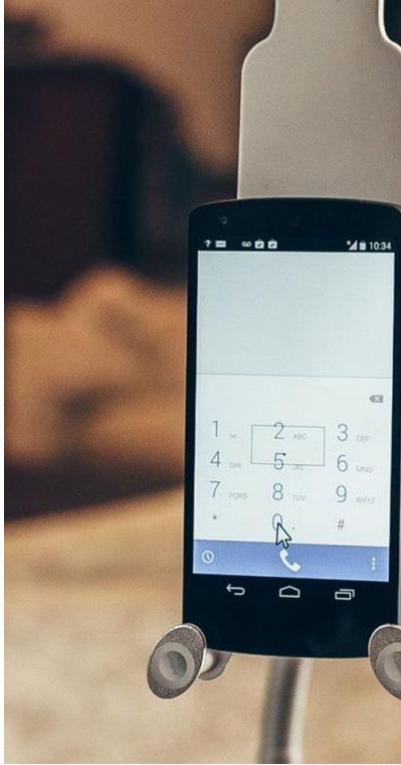
Dycem sticky material



Heavier Pen



Easier mice for computer



Digital Access:

Mobility Equipment:



Power Chairs

Power Bath Lift



Lift Kart

Environmental Controls Designated Devices:



autonoME ECU/SGD tablet



All in One microphone/
sip and puff system



Floorstand



autonoME
command center

Hospital/Home
grade-set up and
install by vendor



Access through a
AAC Device



Touch Screen



Switch Access

Letting your needs be Known:

If you or someone you know needs assistive technology, take these steps:

-  **Know Your Rights** – Medicaid, Medicare, and VR programs may help cover costs.
-  **Apply for Financial Assistance** – FAAST, nonprofit grants, and disability organizations offer support.
-  **Advocate for Better Policies** – Push for stronger laws and better funding for AT access.
-  **Encourage Schools & Workplaces to Invest in AT** – Accessibility benefits everyone.
-  **Spread Awareness** – The more people understand the importance of AT, the stronger the movement for change.



Thanks
Sue Redepenning
LiveLive Therapy Solutions
sue@livelifetherapysolutions.com