

# Assistive Technology Examples

The following examples were taken from *Assistive Technology Consideration Quick Reference Wheel* developed for the Wisconsin Assistive Technology Initiative. This is not an exhaustive list. Technology can be *anything* used to support the student.

More information about the wheel can be found at: <http://www.cec.org>



## Communication

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- Communication board with pictures/words/objects
- Eye gaze frame
- Simple voice output device
- Voice output device with icon sequencing
- Voice output device with dynamic display
- Voice output device with speech synthesis

## Reading

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- Predictable books
- Changes in text size, spacing, color, background
- Book adapted for page turning
- Use of pictures/symbols with text
- Talking electronic device to speak challenging words
- Single word scanners
- Scanner with Optical Character Recognition and talking word processor
- Electronic books

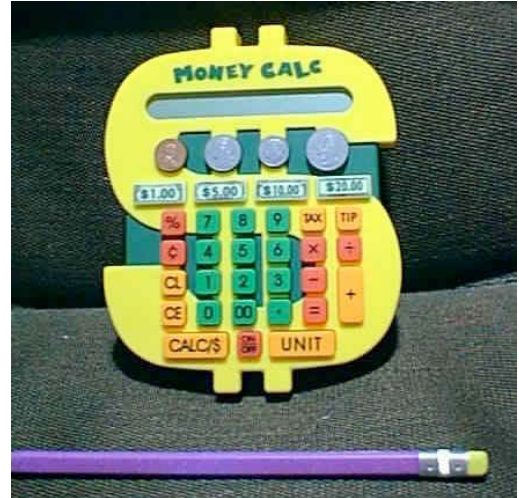
## Learning / Studying

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- Print or picture schedule
- Aids to find materials  
(e.g. color coded folders)
- Highlight text
- Recorded material
- Voice output reminders for assignments, tasks
- Electronic organizers
- Pagers/electronic reminders
- Single word scanners
- Hand-held scanners
- Software for concept development
- Software for organization of ideas
- Hand-held computers

## Math:

- Abacus/Math Line
- Enlarged math worksheets
- Alternatives for answering, explaining or giving examples
- Math "Smart Chart"
- Money calculator/Coinulator
- Tactile/voice output measuring devices
- Talking watches/clocks
- Calculator with or without print out
- Calculator with large keys and/or display
- Talking calculator
- Calculator with special features
- On-screen/scanning calculator
- Alternative keyboard
- Math software
- Software for manipulation of objects
- Voice recognition software



## Written Expression:

- Word cards/book/wall
- Pocket dictionary/thesaurus
- Writing templates
- Electronic/talking spell checker/dictionary
- Word processing with spell checker
- Talking word processing
- Abbreviation/expansion
- Word processing with writing supports
- Multimedia software
- Voice recognition software

## Writing:



- Variety of pencils and pens
- Pencil/pen with adaptive grip
- Adapted paper (e.g. raised line or highlighted line)
- Slant board
- Prewritten words/phrases
- Templates
- Portable word processor
- Computer with word processing
- Voice recognition software
- Talking calculator

## Computer Access: \_\_\_\_\_

- Keyboard with accessibility options
- Word prediction, abbrev./expansion to reduce keystrokes
- Key guard
- Arm support
- Track ball/joystick with on-screen keyboard
- Alternate keyboard
- Pointing options/Head mice
- Switch with Morse code
- Switch with scanning
- Voice recognition software

## Vision: \_\_\_\_\_

- Eye glasses
- Magnifier
- Large print books
- CCTV (closed circuit television)
- Screen magnifier (mounted over screen)
- Screen magnification software
- Screen color contrast
- Screen reader, text reader
- Braille materials
- Braille translation software
- Enlarged or Braille/tactile labels for keyboard
- Alternate keyboard with enlarged keys
- Braille keyboard and note taker

## Hearing: \_\_\_\_\_

- Pen and paper
- Computer/portable word processor
- TTY/TDD with or without relay
- Signaling device
- Closed Captioning
- Real Time captioning
- Computer aided note taking
- Flash alert signal on computer
- Phone amplifier
- Personal amplification system/Hearing aid
- FM or Loop system
- Infrared system

## Recreation: \_\_\_\_\_

- Toys adapted with Velcro, magnets, handles, etc.
- Toys adapted for single switch operation
- Adaptive sporting equipment
- Universal cuff to hold crayons, etc.
- Modified utensils
- Arm support for drawing/painting
- Electronic aids to operate TV, VCR, etc.
- Art software
- Games on the computer



## Mobility: \_\_\_\_\_

- Walker
- Grab bars and rails
- Manual wheelchair including sports chair
- Powered mobility toy
- Powered scooter
- Powered wheelchair
- Adapted vehicle for driving

## Daily Living Skills: \_\_\_\_\_

- Non-slip materials
- Universal cuff/strap to hold items in hand
- Color coded items for easier locating
- Adaptive eating utensils
- Adaptive drinking devices
- Adaptive dressing equipment
- Adaptive devices for hygiene
- Adaptive bathing devices
- Adaptive equipment for cooking



## Environmental Control: \_\_\_\_\_

- Light switch extension
- Interface and switch to activate battery operated devices
- Interface and switch to turn on electrical appliances
- Radio/ultra sound to remotely control appliances
- Electronic aide to daily living controlled through augmentative device

## Positioning and Seating: \_\_\_\_\_

- Non-slip surface on chair
- Bolster, rolled towel, blocks for feet
- Adapted/alternate chair, sidelyer, stander
- Custom fitted wheelchair or insert

**For more information or individual assistance, please contact:**



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