

# WATI Assistive Technology Continuums

## SEATING, POSITIONING AND MOBILITY

### Seating and Positioning

- Standard seat/desk at correct height and depth
- Modifications to standard seat or desk
- Alternative chairs
- Adapted/alternate positioning devices
- Custom fitted wheelchair or insert
- Custom wheelchair for alternative positioning

### Mobility

- Ambulation aids - crutches/walker
- Grab bars and rails
- Manual wheelchair
- Powered scooter, toy car or cart
- Power wheelchair w/joystick or other control
- Adapted vehicle for driving

## COMMUNICATION

- Real objects/tangible symbols
- Communication board or book
- PECS
- PODD
- Simple speech generating device
- Speech generating device with levels
- Speech generating device with icon sequencing
- Speech generating device with dynamic display
- Text based device with speech synthesis

## COMPUTER/DEVICE ACCESS

- Special positioning of student or equipment
- Standard Keyboard/Mouse using accessibility features built into the operating system
- Standard Keyboard/Mouse with Adaptations
- Onscreen keyboard
- Alternate Keyboard/Mouse
- Rate Enhancement
- Speech recognition software
- Eye Gaze
- Morse Code
- Switch Access

## MOTOR ASPECTS OF WRITING

- special seating adaptations
- Variety of pens/pencils
- Adapted pen/pencil
- Adapted paper
- Writing templates
- Prewritten words/phrases
- Notetaking tools
- Computer/mobile device
- Computer/mobile device using accessibility features
- Alternative keyboards
- Computer/device w/word prediction
- Computer/device w/speech recognition

## COMPOSITION OF WRITTEN MATERIAL

- Picture Supports to write from/about
- Pictures with words
- Words Cards/Word Banks/Word Wall
- Pocket Dictionary/Thesaurus
- Written templates and Guides
- Portable, talking spellcheckers/dictionary/thesaurus
- Word processing software
- Word prediction software
- Digital templates
- Abbreviation expansion
- Word processing with digital supports
- Talking word processing
- Multimedia software with alternative expression of ideas
- Tools for citations and formats
- Speech recognition software

## READING

- Book adapted for access
- Low-tech modifications to text
- Handheld scanner to read individual words
- Use of pictures/symbols with text
- Electronic text
- Modified electronic text
- Text reader
- Scanner with OCR and text reader
- Text reader with study skill support

## MATHEMATICS

- Low-tech tools for reading/writing math
- Physical manipulatives
- Adapted math paper
- Adapted calculator (large key, talking)
- Math tool bars
- On-screen calculator
- Graphing calculator
- Audio graphing calculator
- Virtual manipulatives
- Basic math software/app
- Advanced math software
- Web simulations
- 3D geometry modeling software
- Speech recognition math software

## ORGANIZATION

### Self-Management

- Sensory regulation tools
- Movement and deep pressure tools
- Fidgets
- Auditory tools
- Visual tools

*(Continued on next page)*

# WATI Assistive Technology Continuums

## **ORGANIZATION** *(continued)*

### **Information Management**

- Tabs
- Sticky notes, index cards
- Highlighters
- Key words
- Study guide
- Task analysis
- Digital highlighters and sticky notes
- Handheld scanners/electronic extraction
- Electronic organization
- Study grid generators/grading rubric
- Online search tools
- Online web trackers
- Online sorting file tools
- Digital graphic organizers
- Online manipulatives, interactive, tutorials, animations

### **Time Management**

- Calendars/planner
- Checklists
- Schedules (visual)
- Portable, adapted timers
- Electronic reminders
- Digital planners on mobile devices
- Web-based planning/management tools

### **Material Management**

- Low-tech organizers
- Checklists
- Container system
- Coding system (colors, numbering)
- Portable electronic storage (device/apps)
- Electronic filing and storage (cloud based)

## **RECREATION AND LEISURE**

- Typical toys/balls/puzzles/utensils/instruments with adaptations
- Specially designed utensils/equipment
- Electronically/mechanically adapted utensils and equipment
- Electronic aids (e.g., remote controls, timers, speech generating devices)
- Computer/device based activities
- Online and virtual recreational experiences

## **VISION**

### **Computer access**

- Color scheme
- Enlarged operating system features
- Built-in magnification
- Fully-featured magnification
- Magnification with screen reader
- Screen reader
- Screen Reader with Braille device

### **Reading**

- Glasses
- Color Filter
- Slantboard
- Large print
- Optical Magnifier
- Electronic Magnifier
- CCTV
- Monocular
- CCTV with distance camera
- Audio text
- Screen reading software/app
- Electronic Braille notetaker

*(continued in next column)*

## **VISION** *(continued)*

### **Writing/Note taking**

- High contrast pen
- Slate and stylus
- Portable tablet/device
- Computer/device with audio support
- Braillewriter
- Computer/device with Braille
- Electronic Braille note taker
- Digital recording device
- Speech recognition

### **Mathematics**

- Large print measuring tools
- Large key calculator
- Tactile measuring devices
- Abacus
- Talking calculator
- Talking color reader
- Talking measuring tools
- Models or 2D and 3D geometric shapes
- Tiger embossed, PIAF Tactile representation

### **Pictorial Information**

- Enlarged format
- CCTV
- 3D models or objects
- Tactile graphics
- Tactile-audio graphics
- Audio described videos

### **Mobility**

- Cane
- Monocular
- Braille/talking compass
- Electronic travel device
- GPS device

# WATI Assistive Technology Continuums

## HEARING

### Hearing Technology

- 1:1 Communicators
- Infrared
- Induction Loop
- FM-Sound Field
- FM-Personal
- FM with Direct Audio Input
- FM with Induction Loop
- Adaptive Digital Wireless Technology
- Blue tooth streaming technology
- Personal amplification

### Alerting Devices

- Amplified environmental devices
- Visual environmental devices
- Vibrating alerting devices
- Smart phone with alerting feature

### Communication

- Pencil and paper
- Portable connected devices (UbiDuo)
- Telecommunication supports (captioning, relay service, video phone, video relay)
- Closed captioning
- Classroom/group activities
- Voice to text/sign
- Real-time captioning