

RESOURCE

CIU Assistive Technology (AT)

Considerations Checklists

Student Name (Optional):

You may utilize these checklists to complete The SETT Framework-Part I: AT Consultation Request and to document AT in the IEP.

These may also be used in the development of the AT Action Plan.

# CIU Assistive Technology Considerations Checklists

These are generic feature descriptions of AT options generally listed from no-high tech to high-tech, these are types of devices or strategies that could be employed to meet the student’s needs. **Checklists with AT examples and explanations are available at** [**http://assistivetechaiu.wikispaces.com/AT+Options**](http://assistivetechaiu.wikispaces.com/AT%2BOptions).

## AT Intervention for Communication

[ ]  Yes/no strategy for basic communicative needs

[ ]  Picture symbols

[ ]  Photos/digital pictures

[ ]  Use a communication board with pictures, text, or objects

[ ]  Symbol-authoring software to create boards/activities

[ ]  Eye-gaze frame with pictures or text

[ ]  Pen and paper to communicate with text or drawings

[ ]  Portable keyboard or computer to type messages during conversation

[ ]  Sign-assisted speech to enhance a student’s receptive communication

[ ]  Single-level, voice-output communication aid (VOCA)

[ ]  Multi-level, voice-output communication aid (VOCA)

[ ]  Speech-generating device (SGD)

[ ]  Speech-generating device (SGD) with eye gaze interface

[ ]  Tablet device with a touch screen interface

[ ]  Switch to access and activate device when direct selection is not an option

[ ]  Keyguard for use of the communication device

[ ]  Carrying case for the communication device

[ ]  Stylus or T-stick to activate the communication device

[ ]  External speakers/speaker case to amplify sound for listeners

[ ]  External headphones

[ ]  Additional battery, charger, and/or AC power cord

## AT Intervention for Computer Access

[ ]  OS-level accessibility options for keyboarding (e.g., Sticky Keys, repeat rate)

[ ]  Abbreviation expansion (AutoCorrect or Replace) to reduce keystrokes

[ ]  AutoText to reduce keystrokes

[ ]  Word prediction to reduce keystrokes or assist spelling and word use

[ ]  Keyguard to assist users in making direct selections

[ ]  Arm or chair supports to promote proper positioning

[ ]  Track ball, joystick, or other alternative mouse in place of a standard mouse

[ ]  Touchscreen monitor as an alternative input device

[ ]  Keytop overlays to label keys in both cases

[ ]  Keytop overlays to promote finger positioning/hand use

[ ]  Onscreen keyboard for typing

[ ]  Alternate keyboard or keyboard layout

[ ]  Head mouse or pointer to type on an onscreen or standard keyboard

[ ]  Switch as a primary input device

[ ]  Switch interface for multiple switches and functions

[ ]  Scanning (auditory, step, radial, etc.) as a means of input

[ ]  Voice recognition software as a primary means of input

## AT Intervention for Mathematics

[ ]  Graph paper for spacing or alignment

[ ]  Formatted paper (e.g., guideline papers formatted for an algorithm)

[ ]  Vertically lined paper to aid alignment/place value

[ ]  Math line for calculations

[ ]  Enlarged work materials (for clarity or spacing)

[ ]  Calculator or coinulator for computation activities

[ ]  Calculator that is capable of printing results

[ ]  Calculator with speech output capability

[ ]  Calculator with enlarged keys or displays

[ ]  Measurement tools that feature tactile guides

[ ]  Measurement tools with speech output capability

[ ]  Math notation software as an alternative to pencil-and-paper

[ ]  Drawing or graphing software as an alternative to pencil-and-paper

[ ]  Virtual manipulatives to provide an access alternative to physical ones

## AT Intervention for Organization

[ ]  Print, picture, or tactile schedule

[ ]  Color-coding- to organize books, folders, and other materials

[ ]  Markers, removable tape, or acetate line guides to highlight text

[ ]  Recorded messages to prompt student behaviors or tasks

[ ]  Paper organizers for assignments and tasks

[ ]  Electronic organizers/software for assignments and tasks

[ ]  Hand-held computers (PDAs) or a tablet device with a touch screen interface for assignments, tasks, and productivity

[ ]  Use software to generate graphic organizers (concept development or organization)

## AT Intervention for Reading

[ ]  Predictable books to assist in decoding & comprehension

[ ]  Decodable text

[ ]  Styles to maximize accessibility of word-processed documents among potential users

[ ]  Reading guides/windows

[ ]  Scoptic (colored filter) overlays

[ ]  Altered word spacing

[ ]  Altered line spacing

[ ]  Altered text size or color

[ ]  Symbol-writing software to pair text with symbols or pictures

[ ]  Electronic tool for pronunciations, spellings, or meanings

[ ]  Single-word/line scanners to read text aloud

[ ]  Audio books to supplement printed text

[ ]  Audio books to replace printed text

[ ]  Text-to-speech software to read typed text aloud

[ ]  Digital imaging software to digitize documents

[ ]  Scan-and-read software to access and annotate text

[ ]  Books adapted for independent page-turning

[ ]  Electronic books to allow for easy magnification/transportation

## AT Intervention for Seating and Positioning

[ ]  Adjustable chair

[ ]  Adjustable desk or workstation

[ ]  Foot rest or stool

[ ]  Solid wedge to promote back extension

[ ]  Lordosis roll to support back and provide extension

[ ]  Tactile cushion

[ ]  Chair with armrests or supports

[ ]  Supportive chair (e.g., Rifton, Kaye, Thera-Adapt, Lecky)

[ ]  Chair with additional supports (e.g., laterals, headrest, hip abductor, pelvic belt, chest harness)

[ ]  Tray or table-top support

[ ]  Chair with tilt/recline capabilities

[ ]  Modified work tray, table, or work station

[ ]  Mounting system (e.g., desktop, rigid, swing-away, folding)

## AT Intervention for Sensory Needs

[ ]  Open-captioned materials

[ ]  Closed-captioned materials

[ ]  Personal amplification devices (personal FM, infrared system)

[ ]  Real-time captioning or computer-assisted real time (CART) to transcribe lectures or discussions

[ ]  Computer-aided notetaking systems

[ ]  OS-level accessibility options for audible/visual messages

[ ]  Handheld or stationary magnifiers

[ ]  Large-print materials

[ ]  Braille materials for reading (or labels on keyboards)

[ ]  Raised-line materials

[ ]  Tactile graphics

[ ]  Adjusted screen contrast for improved visibility

[ ]  Screen magnification software or hardware for monitor visibility

[ ]  Screen reading software for access to onscreen content

[ ]  Braille translation software with an embosser or refreshable Braille display

[ ]  Closed-circuit televisions for magnification/contrast

[ ]  Video magnifier for magnification/contrast and near/distant viewing

## AT Intervention for Writing

[ ]  Adaptive or alternative grips, pencils, and pens

[ ]  Harder/softer lead weight to result in lighter/darker line

[ ]  Non-slip surfaces or clipboards to stabilize materials

[ ]  Adapted paper (e.g., graph paper, raised-line paper, or highlighted-line paper) to assist with spacing and organization

[ ]  Adjusted seat and/or desk heights for adequate posture and support

[ ]  Slantboard for optimal writing angle

[ ]  List of prewritten words/phrases

[ ]  Graphic organizer to structure ideas and content

[ ]  Cloze notes to reduce the amount of material to be written

[ ]  Access to full notes as a back-up to student-generated notes

[ ]  Scribe services when there is no independent means for a student to record notes or ideas

[ ]  Analog or digital recording device to record lectures/commentary

[ ]  Printed labels to provide legible answer choices

[ ]  Label machine to generate legible answers independently

[ ]  Video pen and paper to capture notes and/or recordings

[ ]  Portable keyboard

[ ]  Portable keyboard with text-to-speech capability

[ ]  Access to a desktop, laptop, netbook, or tablet computer

[ ]  Spelling and grammar checker

[ ]  Word prediction software

[ ]  Text-to-speech software to provide audible reinforcement

[ ]  Digital imaging (scanning) software to annotate scanned documents

[ ]  Scan-and-read software to annotate and manipulate contents of scanned documents

[ ]  Grid-based word processor for composition

[ ]  Cloze-style word processor for notetaking or assessment purposes

[ ]  Speech recognition software for extensive writing tasks

AT Interventions – Additional

[ ]

[ ]

[ ]

[ ]