Assistive Technology Considerations Checklists

These are generic feature descriptions of AT options generally listed from no-high tech

Seating & Positioning

- ☐ Standard seat/workstation at correct height and depth
- ☐ Modifications to standard seat or desk
- ☐ 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)
- ☐ Tray or tabletop support
- ☐ Chair with tilt/recline capabilities
- ☐ Modified work tray, table, or workstation
- ☐ Mounting system (e.g., desktop, rigid, swing-away, folding)
- ☐ Custom fitted wheelchair or insert

Mobility

- ☐ Walking devices
- ☐ Grab bar and rails
- ☐ Manual wheelchair
- ☐ Power scooter
- ☐ Power wheelchair w/ joystick or other control
- ☐ Adapted vehicle for driving

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)
- ☐ Voice-output communication aid (VOCA) with icon sequencing
- ☐ Voice-output communication aid (VOCA) with dynamic display
- ☐ Voice-output communication aid (VOCA) with synthesized speech
- ☐ Voice-output communication aid (VOCA) with automatic level switching
- ☐ Radio frequency identification (RFID) communicator with digitized speech
- ☐ 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

Computer Access

- ☐ Standard keyboard/mouse with accessibility keyboarding options
- ☐ 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
- ☐ Standard keyboard/mouse with adaptations
- ☐ Track ball, joystick, or other alternative mouse in place of a standard mouse
- ☐ Touchscreen monitor as an alternative input device
- ☐ Keyboard overlays to label keys
- ☐ Keyboard 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 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
- ☐ Eye gaze

Writing (Motor Aspects & Composition)

- [ ] 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 backup to student generated notes
- [ ] Scribe services when there is no independent means for a student to write
- [ ] Analog or digital recording device to record lectures/commentary
- [ ] Printed labels to provide legible answer choices
- [ ] Label machine to generate legible answers independently
- [ ] Recordable pen and paper to capture notes and/or recordings
- [ ] Word processing
- [ ] Word processing with text-to-speech
- [ ] 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 & manipulate contents of scanned documents
- [ ] Grid-based word processor for composition
- [ ] Cloze-style word processor for note taking or assessment purposes
- [ ] Speech recognition software for extensive writing tasks

Reading

- [ ] Predictable books to assist in decoding & comprehension
- [ ] Decodable text
- [ ] Styles to maximize accessibility of word-processed documents
- [ ] Reading guides/windows
- [ ] Colored filter overlays
- [ ] Book adapted for access (i.e. page fluffers)
- [ ] 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
- [ ] Audiobooks to supplement printed text
- [ ] Audiobooks to replace printed text
- [ ] Text-to-speech software to read typed text aloud
- [ ] Digital imaging software to digitize documents
- [ ] Optical character recognition (OCR) software to digitize and manipulate text
- [ ] Scan-and-read software to access and annotate text
- [ ] Books adapted for independent page turning
- [ ] Electronic books to allow for easy magnification/transportation
- [ ] DAISY-formatted text and readers (may be subject to eligibility requirements)
- [ ] NIMAS file sets (subject to eligibility requirements)

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 manipulatives
- [ ] Adapted math tools
- [ ] Abacus or math line for calculations
- [ ] Enlarged work materials (for clarity or spacing)
- [ ] Math charts
- [ ] 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
- [ ] Onscreen calculator
- [ ] 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
- [ ] Voice recognition math software

Executive Functioning

- [ ] Fidgets
- [ ] Print, picture, or tactile schedule
- [ ] Key words
- [ ] Color-coding- to organize books, folders, and other materials

- ☐ Sticky notes, index cards
- ☐ Checklists
- ☐ Study guide
- ☐ Markers, removable tape, or acetate line guides to highlight text
- ☐ Recorded messages to prompt student behaviors or tasks
- ☐ Paper graphic organizers for assignments and tasks
- ☐ Electronic organizers/software for assignments and tasks
- ☐ Digital highlighters and sticky notes
- ☐ Hand-held computers or a tablet device with touchscreen interface for assignments, tasks, and productivity
- ☐ Use software to generate graphic organizers (concept development or organization)
- ☐ Scanner
- ☐ Electronic organization (i.e. Google Drive, Dropbox)
- ☐ Online graphic organizer

Sensory Needs
- ☐ Slantboard
- ☐ Large-print materials
- ☐ Optical magnifier
- ☐ Open-captioned materials
- ☐ Closed-captioned materials
- ☐ Personal amplification devices (personal FM, infrared system)
- ☐ Real-time captioning or computer-assisted real time to transcribe lectures
- ☐ Computer-aided notetaking systems
- ☐ OS-level accessibility options for audible/visual messages
- ☐ Handheld or stationary magnifiers
- ☐ 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
- ☐ Typing with audio support
- ☐ 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
- ☐ Digital recording for note taking
- ☐ Voice recognition software
- ☐ GPS device

Recreation & Leisure
- ☐ Typical toys, utensils, instruments adapted
- ☐ Switch adapted toys
- ☐ Adjustable equipment
- ☐ Specially designed utensils/equipment
- ☐ Electronically/mechanically adapted utensils/equipment
- ☐ Electronic aids (i.e. remote controls, timers

Additional
- ☐
- ☐
- ☐
- ☐