

ASSISTIVE TECHNOLOGY CONSIDERATIONS

****INFORMATION OBTAINED FROM THE CEC AND IDEA****

Consideration of Special Factors in Development of IEP

34 CFR §300.346(a)(2)(v) The IEP Team also shall... (v) Consider whether the child requires assistive technology devices and services. (Authority: 20 U.S.C §1414 (d)(3)(B)(v))

Assistive Technology

(a) Each public agency shall ensure that assistive technology devices or assistive technology services, or both, as those terms are defined in § 300.5-300.6, are made available to a child with a disability if required as a part of the child's

(1) Special Education under §300.26; (2) Related services under §300.24; or
(3) Supplementary aids and services under §§300.28 and 300.55(b)(2)

(b) On a case-by-case basis, the use of school-purchased assistive technology devices in a child's home or in other settings is required if the child's IEP team determines that the child needs access to those devices in order to receive FAPE. 34 CFR § 300.308 (Authority:20 U.S.C §1412(a)(12)(B)(i))

Assistive Technology Device

"Assistive technology device" means any item, piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve the functional capabilities of a child with a disability. 34 CFR §300.5 (Authority: 20 U.S.C §1401 (1))

Assistive Technology Service

"Assistive technology service" means any service that directly assists a child with a disability in the selection, acquisition, or use of an assistive technology device. The term includes-

- (a) The evaluation of the needs of a child with a disability including a functional evaluation of the child in the child's customary environment;
- (b) Purchasing, leasing, or otherwise providing for the acquisition of assistive technology devices by children with disabilities;
- (c) Selecting, designing, fitting, customizing, adapting, applying, maintaining, repairing, or replacing assistive technology devices

- (d) Coordinating and using other therapies, interventions, or services with assistive technology devices, such as those associated with existing education and rehabilitation plans and programs;
- (e) Training or technical assistance for a child with a disability or, if appropriate, that child's family; and
- (f) Training or technical assistance for professionals (including individuals providing education or rehabilitation services), employers, or other individuals who provide services to, employ, or are otherwise substantially involved in the major life functions of that child. 34 CFR §300.6
(Authority: 20 U.S.C §1401 (2))

ASSISTIVE TECHNOLOGY RESOURCES

Journals and Newsletters

Journal of Special Education Technology, Free with TAM Membership (a division of CEC); www.jset.unlv.edu

Special Education Technology Practice, Knowledge by Design, 5907 N. Kent Ave., Whitefish Bay, WI 53217-4615 www.setp.net

Closing the Gap—see website information below

Websites

www.abledata.com. ABLEDATA is an electronic database of information on assistive technology and rehabilitation equipment with more than 23,000 product listings. *

www.closingthegap.com/rd/index.html. Closing The Gap is a resource directory, a collection of computer-related products and services with descriptions and manufacturer contact information for products determined appropriate for use in special education and rehabilitation. **

www.fctd.info Family Center on Technology and Disability. This has an extensive list of AT reviews, user-friendly resources library, and more *

www.LDonline.com Go to the section on AT. To get to this, go to LD in Depth and then technology. **

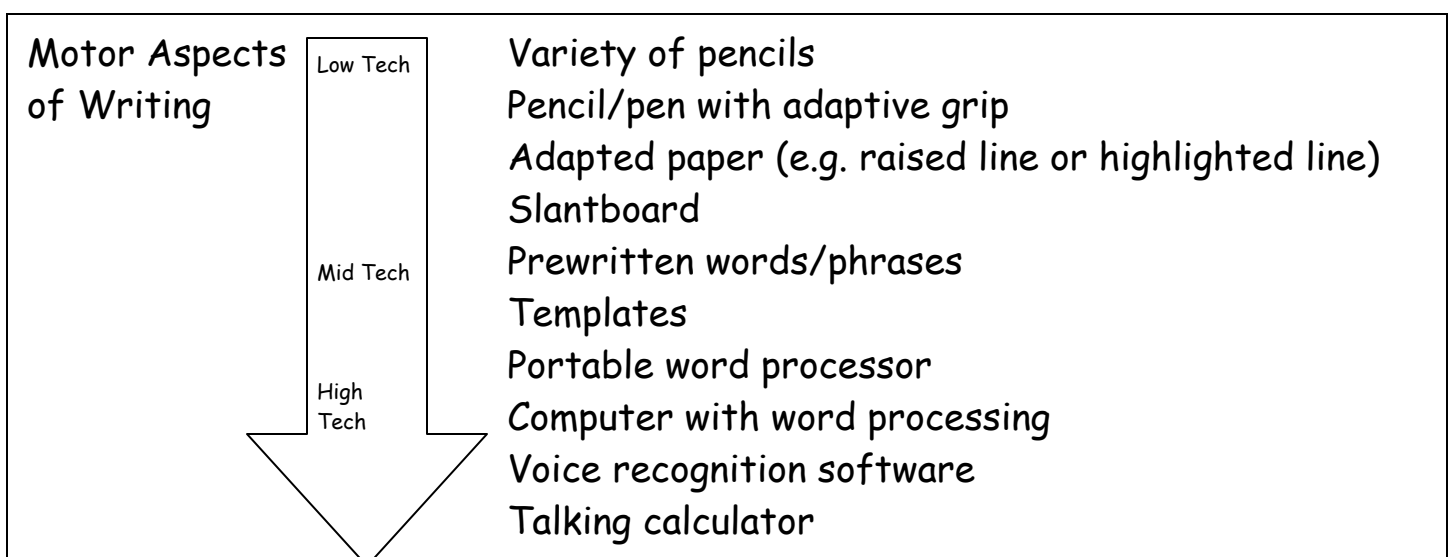
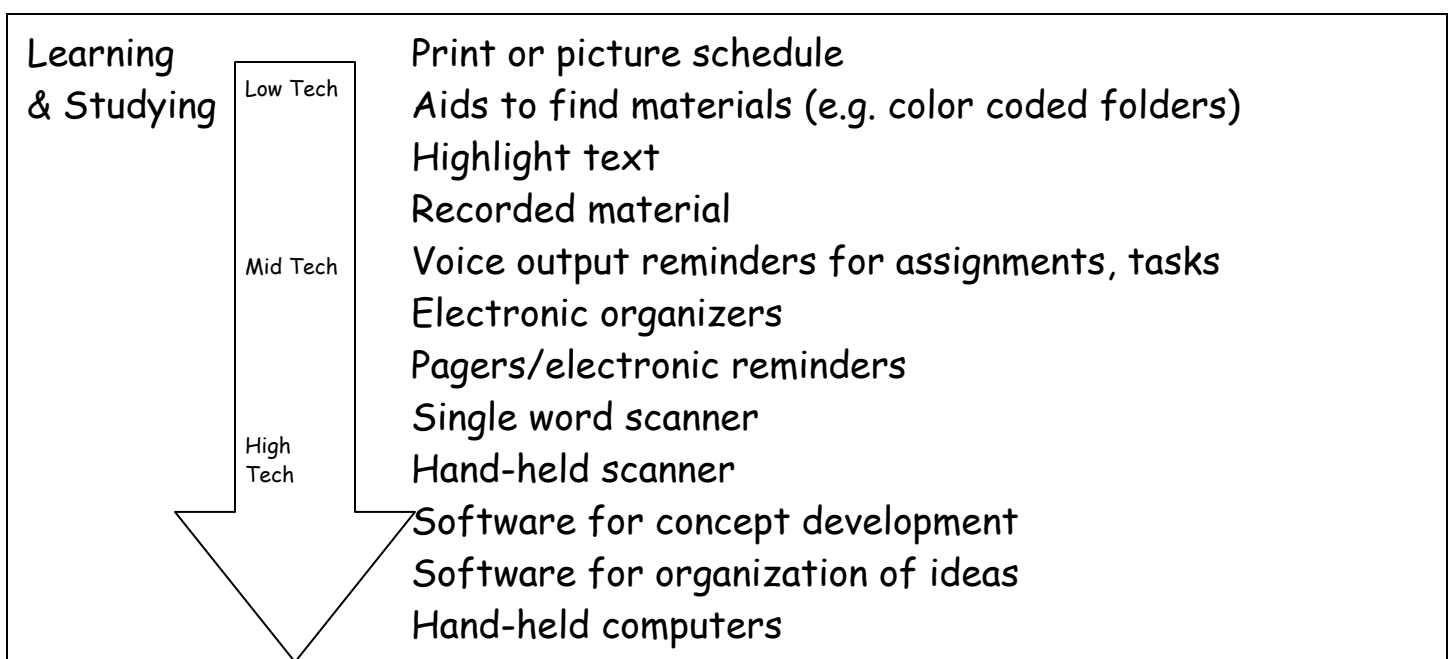
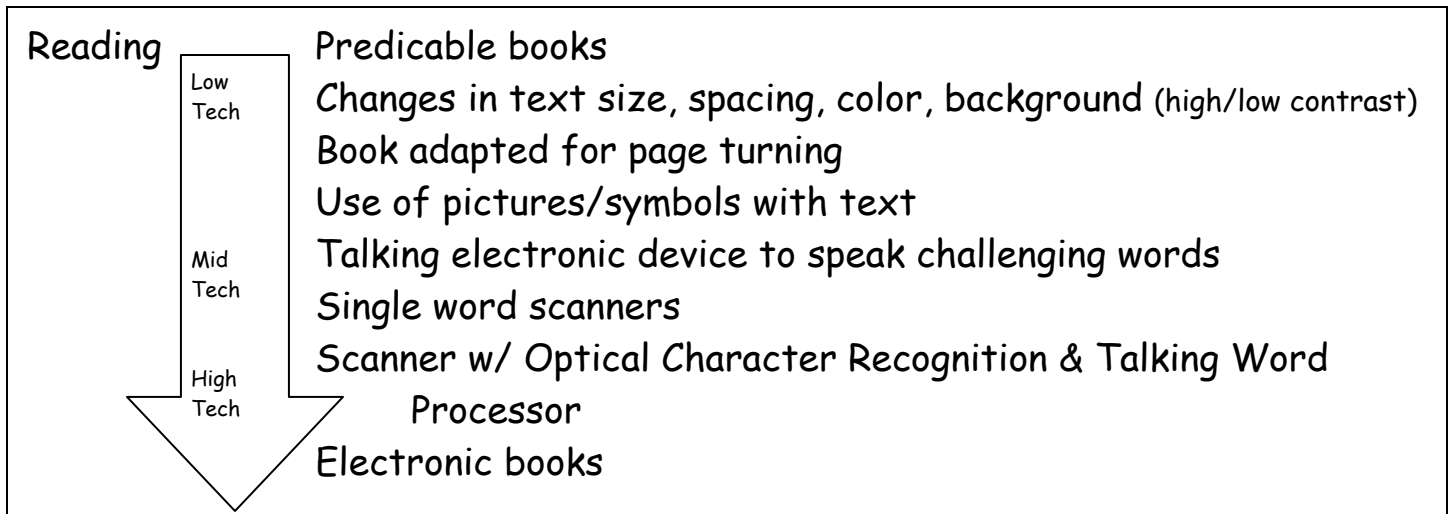
www.tamcec.org This is the website of the Technology and Media Division of the CEC.

www.trace.wisc.edu You can find links to adaptive freeware and shareware for easy access.

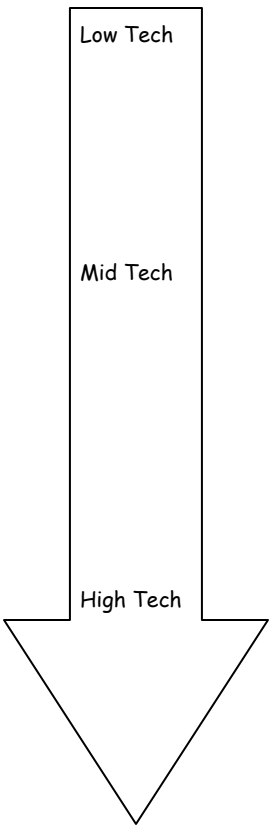
www.wati.org Wisconsin Assistive Technology Initiative has WATI assessment forms, updates, lending library, information, best practice tips, and more. **

<http://aac.unl.edu/> This is one of the leading AAC centers in the country for AAC and gives resources and AT product descriptions. *

After discussing the student's present level of educational performance and developing measurable annual goals, if you are concerned that the student may need assistive technology to help meet any of the goals in the following areas:

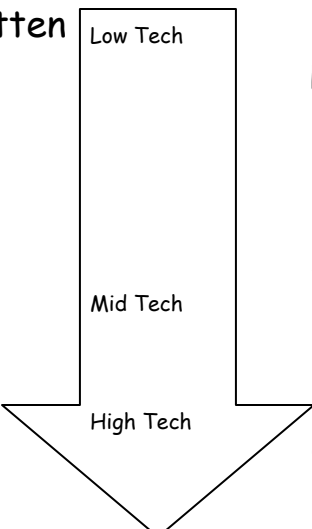


Math



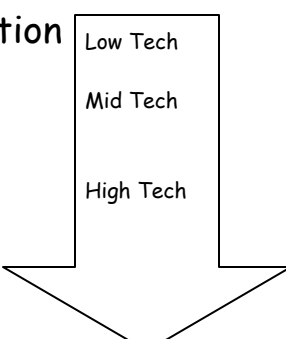
Abacus/Math line
 Enlarged math worksheets
 Alternatives for answering, explaining or giving examples
 Math "Smart Chart"
 Money calculator/Coinulator
 Tactile/voice output measuring devices
 Talking watches and clocks
 Calculator with or without printout
 Calculator with large keys and/or display
 Talking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

Composing Written Material



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

Communication



Communication board w/ pictures/words/objects
 Eye gaze frame
 Simple output device
 Voice output device w/icon sequencing (SGD)
 Voice output device w/ dynamic display (SGD)
 Voice output w/speech synthesis (SGD)

Computer Access

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

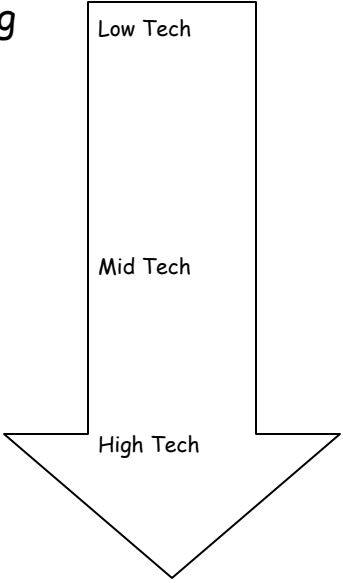
Position & Seating

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

Vision

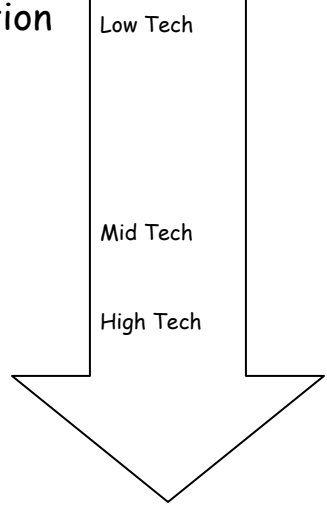
- Eye glasses
- Magnifier
- Large print books
- CCTV
- Screen magnifier (mounted over screen)
- Screen magnification software
- Screen color contrast
- Screen reader, text reader
- Braille materials
- Braille translation software (Ducksbury)
- Enlarged or Braille/tactile labels for keyboard
- Alternate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

Hearing



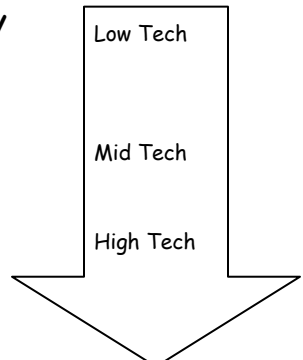
- Pen and paper
- Computer/portable word processor
- TTY/TD with or without relay
- Signaling device
- Closed Captioning
- Real Time captioning
- Computer aided note taking
- Flash alert signal on computer
- Phone amplifier
- Personal amplification system/Hearing aid
- Fm or loop system
- Infrared system

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 computer
- Other software

Mobility



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

