

ASSISTIVE TECHNOLOGY CONSIDERATION

AT CONSIDERATION IS A DISCUSSION THAT TAKES PLACE DURING AN IEP MEETING THAT DISCUSSES HOW A STUDENT WILL PARTICIPATE AND ACHIEVE THEIR IEP GOALS.

AT CONSIDERATION IS DISCUSSED USING THE FOLLOWING QUESTIONS:

1. WHAT IS THE STUDENT REQUIRED TO DO, BUT UNABLE TO DO, AT THE LEVEL THAT REFLECTS HIS/HER ABILITIES AND SKILLS?
2. CAN THE STUDENT COMPLETE THE TASK IF ACCOMMODATIONS OR STRATEGIES ARE IMPLEMENTED?
3. DOES THE CHILD NEED SPECIFIC TOOLS TO BE SUCCESSFUL IN THE LRE?
4. DO THE TOOLS NEED TO BE UPDATED OR CHANGED FOR MORE PARTICIPATION?
5. CAN THE STUDENT PERFORM THE TASK WITH LESS PERSONAL ASSISTANCE?

MOST COMMON ASSISTIVE TECHNOLOGY CONSIDERATIONS BY CATEGORY

1. WRITING

A. MOTOR ASPECTS OF WRITING:

- PENCIL OR PEN WITH ADAPTED GRIP
- SPECIALIZED WRITING TOOL
- WRITING GUIDE, TEMPLATE
- SPECIALIZED PAPER (E.G. RAISED LINES, HIGHLIGHTED LINES, ETC.)
- SLANT BOARD
- KEYBOARDING (PORTABLE WORD PROCESSOR/COMPUTER/TABLET)
- OTHER

B. COMPUTER ACCESS

- ADDRESS SEATING & POSITIONING POSTURE
- KEYBOARD USING ACCESSIBILITY OPTIONS
- KEYGUARD
- ALTERNATIVE KEYBOARD
- TOUCH WINDOW
- ONSCREEN KEYBOARD
- MOUSE OPTIONS (TRACK BALL, TRACK PADS, MOUSE STICK, OR HEAD POINTER)
- SWITCH WITH SCANNING
- COMPUTER NAVIGATION
- OTHER

C. COMPOSING WRITTEN MATERIAL

- PICTURE SUPPORTS TO WRITE WITH OR FROM
- WORD CARDS, BOOK OR WALL
- GRAPHIC ORGANIZERS (PAPER AND/OR DIGITAL)

- TALKING WORD PROCESSOR
- SPELLING AND/OR GRAMMAR CHECKER
- WORD PREDICTION SOFTWARE/APP
- MULTIMEDIA SOFTWARE FOR EXPRESSION OF IDEAS AND/OR ASSIGNMENTS)
- ELECTRONIC HIGHLIGHTERS
- VOICE RECOGNITION
- OTHER

2. COMMUNICATION

- COMMUNICATION BOARD OR BOOK WITH OBJECTS, PICTURES, LETTERS, WORDS, ETC.
- EYE GAZE BOARD OR FRAME
- SIMPLE VOICE OUTPUT DEVICE
- VOICE OUTPUT DEVICE WITH LEVELS
- VOICE OUTPUT DEVICE WITH DYNAMIC DISPLAY
- DEVICE WITH SPEECH SYNTHESIS FOR TYPING
- OTHER

3. READING

- USE OF PICTURES/SYMBOLS WITH TEXT
- CHANGES TO FONT SIZE, SPACING, COLOR AND/OR BACKGROUND COLOR
- BOOK ADAPTED FOR PAGE TURNING (A FORM OF PAGE FLUFFERS)
- COLORED OVERLAYS
- TALKING ELECTRONIC DEVICE/SOFTWARE TO “PRONOUNCE” CHALLENGING WORDS

- TEXT TO SPEECH SOFTWARE
- CONCEPT MAPPING OR GRAPHIC ORGANIZER WITH ELECTRONIC HIGHLIGHTERS
- ELECTRONIC BOOKS
- ELECTRONIC DICTIONARY
- OTHER

4. MATH

- ADAPTED MATH PAPER
- ADAPTED MATH TOOLS
- NUMBER LINE, NUMBER AID, OR ABACUS
- CALCULATOR/ADAPTED CALCULATOR
- MATH MANIPULATIVES
- ELECTRONIC MATH MANIPULATIVES
- SPECIFIC MATH SOFTWARE
- OTHER

5. LEARNING, ORGANIZATION, AND STUDYING

SELF-MANAGEMENT

- SENSORY REGULATION TOOLS
 - FIDGETS
 - AUDITORY SUPPORTS
 - VISUAL SUPPORTS
 - COLOR CODING SYSTEM
 - TAPE OR DIGITAL RECORDING SYSTEM
 - OTHER
- ##### INFORMATION MANAGEMENT
- TABS
 - STICKY NOTES, INDEX CARDS
 - HIGHLIGHTERS

ASSISTIVE TECHNOLOGY CONSIDERATION

LEARNING, ORGANIZATION, AND STUDYING CONT.

INFORMATION MANAGEMENT CONT.

- KEY WORDS
- STUDY GUIDE
- TASK ANALYSIS
- GRADING RUBRIC
- DIGITAL MANIPULATIVES (HIGHLIGHTERS, STICKY NOTES)
- DIGITAL GRAPHIC ORGANIZERS
- ONLINE SEARCH TOOLS, WEB TRACKERS, SORTING FILE TOOLS)
- INTERACTIVE TUTORIALS
- ANIMATIONS
- OTHER

6. HEARING

- PEN AND PAPER
- PORTABLE WORD PROCESSOR
- CLASSROOM AMPLIFICATION
- CAPTIONING (CLOSED OR REAL TIME)
- COMPUTER AIDED NOTE TAKING
- SIGNALING DEVICE (E.G. VIBRATING PAGER)
- FM SYSTEM
- OTHER

7. VISION

- EYE GLASSES
- LARGE OR HIGH CONTRAST KEYBOARD KEY LABELS
- MAGNIFIER
- LARGE PRINT BOOKS
- PORTABLE SCREEN MAGNIFIER
- SCREEN MAGNIFICATION SOFTWARE
- SCREEN HIGH CONTRAST MODE
- SCREEN READER, TEXT READER

- BRAILLE MATERIALS
- BRAILLE KEYBOARD AND NOTE TAKER
- TACTILE ADAPTATIONS
- OTHER

8. AIDS FOR ACTIVITIES OF DAILY LIVING

- ADAPTIVE EATING TOOLS (E.G. FOAM HANDLES, UNIVERSAL CUFF HOLDING FOR UTENSILS, CUSTOM EQUIPMENT)
- ADAPTIVE DRINKING EQUIPMENT (E.G. CUP WITH CUT OUT RIM, ETC)
- ADAPTIVE DRESSING EQUIPMENT
- BOOK, PAPER STANDS, PAGE TURNERS
- OTHER

9. CONTROL OF THE ENVIRONMENT

- SWITCH & SWITCH INTERFACE TO OPERATE LIGHTS, AND/OR ELECTRICAL APPLIANCES
- INFRARED OR ULTRASOUND REMOTE SYSTEM TO OPERATE APPLIANCES
- ELECTRONIC AIDE TO DAILY LIVING (EADL'S) CONTROLLED THROUGH AN AUGMENTATIVE COMMUNICATION DEVICE
- OTHER

10. RECREATION

- ADAPTED TOYS (HANDLES, MAGNETS, ETC.)
- TOYS ADAPTED FOR SWITCH ACCESS
- UNIVERSAL CUFF TO HOLD CRAYONS, MARKERS, ETC.
- ARM SUPPORT FOR DRAWING/PAINTING
- ELECTRONIC AIDS TO CONTROL TV, RADIO, ETC.
- ART SOFTWARE
- COMPUTER GAMES
- OTHER

11. SEATING, POSITIONING, MOBILITY

- ADAPTATION TO SEAT/DESK
- SEAT/DESK DEPTH AND/OR HEIGHT ADJUSTMENT
- SUPPLEMENTAL SEAT AND/OR BACK SUPPORTS (E.G. CUSHION, ROLL, AND/OR BLOCKS TO ASSIST IN POSITIONING)
- ADAPTED OR ALTERNATIVE CHAIR OR SIDELYER
- STANDER
- MOBILITY AIDS (WALKER, PORTABLE RAMP, LIFT)
- MANUAL WHEELCHAIR
- POWER WHEELCHAIR
- CUSTOM FIT OPTIONS FOR WHEELCHAIR
- OTHER

12. CURRICULUM ACCESS

- DIGITAL ACCESS TO PICTURES, GRAPHS, CHARTS, TABLES, AND TEXT ELEMENTS THAT CAN BE MANIPULATED INTO AN ACCESSIBLE FORMAT
- BOOKSHARE MEMBERSHIP (VISUAL AND AUDITORY ACCESS TO CONTENT MATERIAL)
- LEARNING ALLY MEMBERSHIP (AUDITORY ACCESS TO CONTENT MATERIAL)
- ACCESS TO NATIONAL INSTRUCTIONAL MATERIALS ACCESSIBLE STANDARD (NIMAS)
- MULTIMEDIA PRESENTATION SOFTWARE FOR LEARNING AND DEMONSTRATION OF KNOWLEDGE AND SKILL
- OTHER