# Assistive Technology Consideration Resource Guide

| Instructional or Access Area:<br>**Writing** | Standard Tools | Accommodations | Assistive Technology Solutions |
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| **Sample Tasks:**<br>• Write name<br>• Copy letters/words/numbers for skills practice<br>• Write words from memory<br>• Copy print from book or worksheet<br>• Copy notes from board or overhead<br>• Complete written worksheets with single word responses (fill-in-the-blank)<br>• Complete written worksheets with phrase or sentence response<br>• Complete written test with multiple choice response (circle/mark answer)<br>• Complete written test and forms with fill-in-the-blank response<br>• Complete written test with matching response<br>• Complete written test with phrase/sentence (short answer)<br>• Complete written test with essay response (multi-paragraph)<br>• Record notes from teacher dictation/lecture with teacher recording notes on board/overhead<br>• Record notes from teacher dictation/lecture without teacher notes<br>• Generate creative/spontaneous writing samples<br>• Enter number in correct location in calculation problems<br>• Copy math calculation problems with correct alignment<br>• Record dictated math calculation problems with correct alignment<br>• Copy diagrams and graphs create and plot linear and quadratic equations on graph | • Crayon/marker<br>• Pencil<br>• Pen<br>• Letter and number strip<br>• Clipboard<br>• Word processing software with grammar and spell checker<br>• Instructional software to remediate and enhance specific writing skills<br>• Commercial websites to remediate and enhance specific writing skills<br>• Graphic organizers | • Increase time for completing assignments<br>• Arrange for oral dictation as an alternative to writing (may be accommodation or modification depending on task)<br>• Provide peer note taker<br>• Use NCR notebooks<br>• Change format of assignment to meet needs of student—multiple choice, matching word banks, fill-in-the-blank, short answer<br>• Provide typed outline or typed copy of lecture notes to student prior to delivery for student to follow lecture<br>• Have student highlight key points on printed copy of notes rather than copying/recording lecture notes<br>• Use webbing-concept mapping strategy<br><br>**Modifications**<br><br>• Decrease length/complexity of responses<br>• Supply word banks, sentence starters, and cloze format writing activities for supports<br>• Decrease number of responses required | • Pencil grip or other adapted writing aids<br>• Adapted paper (bold line, raised line, different spacing, secured to desk, paper stabilizers)<br>• Slant board<br>• Personal dry erase board<br>• Nonslip Material under writing surface (e.g., Dycem)<br>• Tape recorder, digital recorder, Smartpen for dictated responses and notetaking<br>• Portable word processor (e.g., AlphaSmart Neo, The Writer Fusion)<br>• Note-taking device (e.g., Braille, adapted tape/digital recorder, interactive whiteboards, Notetaker, Iris Pen)<br>• Computer with word-processing software with spell and grammar checks (e.g., Microsoft Word)<br>• On-screen keyboard<br>• Speech-to-text software (e.g., Dragon, Microsoft)<br>• Word processing software<br>• Outlining/webbing software (e.g., Inspiration or Kidspiration, Draft:Builder)<br>• Computer with graphic-based word processor (e.g., Writing with Symbols)<br>• Computer with talking word-processing software (e.g., Write Out:Loud, Classroom Suite, Talking Word Processor)<br>• Open-source software/apps (e.g., My Study Bar)<br>• Computer with word-prediction software (e.g., Co:Writer, WordQ)<br>• Computer with graphic based word processor (e.g., Writing with Symbols)<br>• Scanner and computer with form-filling software to create electronic worksheets<br>• Computer-based advanced reading and writing aids (e.g., Kurzweil, WYNN, Read & Write Gold)<br><br>*Adaptive input hardware and/or software (e.g., keyguard, keyboard utilities, enlarged keyboard, touchscreen, on-screen keyboard, trackball, switch access, voice dictation software, Braille input) and adaptive output solutions (screen enlargement, text or screen reading software) to be used as needed for all computer-based writing solutions |