

AT Ideas for Writing

STRATEGIES & MODIFICATIONS

- ✓ Extend time for assignments/tasks
- ✓ Reduce or use alternative assignments/tasks
- ✓ Adjust seating position (900 x 900 x 900)
- ✓ Peer "scribe" for note taking or dictation
- ✓ Seating needs (hearing, seeing, distractibility noise level, traffic pattern, front/back of room, near teacher or peers, etc.)
- ✓ Desk (wheelchair accessible, laptop, tilt, flip top desk, lip on side of desk, large table, stand rather than sit, study carrel, etc.)
- ✓ Reduce clutter on desk
- ✓ Allow use of word cards, spelling list, hints, etc.)
- ✓ Do not penalize for misspellings, poor writing, or grammar
- ✓ Allow single word or short answers
- ✓ Line indicators (raised line, with mid-line, etc.)
- ✓ Give multiple-choice tests
- ✓ Allow either printing or cursive
- ✓ Use checklists to help get started
- ✓ Teach and review test-taking vocabulary
- ✓ Allow single word or short answers
- ✓ Provide models of tests/assignments
- ✓ List critical vocabulary for content material

LOW-TECH

- ✓ Pencil grips/holders
- ✓ Short Pencil stub
- ✓ Pens with different grips
- ✓ Tape recorder
- ✓ Straps/splints for pencil
- ✓ "T" holder for pencil
- ✓ Chalk holder
- ✓ Writing frame
- ✓ Wrist weight/hold down
- ✓ Slant Board
- ✓ Dycem or other non-slip material
- ✓ Name/number/date stamps
- ✓ Magnetic letters and cookie board shoot
- ✓ Line indicators (raised line, with mid-line, etc.)
- ✓ Sections on paper (draw lines, fold, etc.)
- ✓ Type of paper (graph, textured, colored, on sandpaper, etc.)
- ✓ Provide extra white space
- ✓ Highlight or color code
- ✓ Cover parts of worksheet
- ✓ Put less information on page
- ✓ High contrast colors
- ✓ "Post It," notes for "fill in the blank" tests
- ✓ Word cards, book, wall, or file
- ✓ Pocket dictionary/thesaurus
- ✓ Pencil/pen attached to desk
- ✓ Printing calculator
- ✓ Trace letters /numbers/ words on worksheet using highlighter
- ✓ Stencils to trace letters
- ✓ Tactile letters
- ✓ Pictures, drawings, photos, etc.
- ✓ Sentence strips
- ✓ NCR paper for peer to provide notes
- ✓ Lighting adjustments (more, less, direction)
- ✓ 3" three ring binder as slant board
- ✓ Typewriter

HIGHER TECH

- ✓ Tape recorder
- ✓ Electronic/talking dictionary/thesaurus, spelling & grammar checker
- ✓ Typewriter (electric, manual, or primary)
- ✓ Portable note taker (regular or braille)
- Computer**
- ✓ Work processors/test output devices
- ✓ Key guard (with reduced # of keys)
- ✓ Key guard (for all keys)
- ✓ Alternative keyboard
- ✓ Built-in accessibility options
- ✓ Screen reader
- ✓ Screen magnifier
- ✓ Enlarged or braille key covers/caps
- ✓ Large print or braille printers
- ✓ Screen flasher (flashes when sound is emitted by computer).
- ✓ Alternative methods to access keyboard (mouth sticks, head sticks, electronic)
- ✓ On-screen keyboard
- ✓ Touch Window
- ✓ Switch control (single or multiple)
- ✓ Software for control of keyboard delay and repeat, cursor control from keyboard, and control of input rate
- ✓ Voice Recognition
- ✓ Software strategies (word prediction, abbreviation expansion, etc.)
- ✓ Software for talking word processor
- ✓ Software for organization & expression
- ✓ Software for alternative output
- ✓ Interactive writing software
- ✓ Hard drive to minimize disk handling
- ✓ On/off switch within reach or adapted

AT Ideas for Reading

STRATEGIES & MODIFICATIONS

- ✓ Extend time for assignments/tasks
- ✓ Use alternative assignments/tasks
- ✓ Seating position
- ✓ Seating needs (hearing, seeing, distractibility, noise level, traffic pattern, front/back of room, near teacher or peers, etc.)
- ✓ Desk (wheelchair accessible, laptop, tilt, flip top desk, lip on side of desk, large table, stand rather than sit, study carrel, etc.)
- ✓ Reduce clutter on desk
- ✓ Supply appropriate reading level
- ✓ Provide means for self-selection of books
- ✓ Reduce # of items and/or items per page
- ✓ Give take-home/open book/use of notes tests
- ✓ Tape tests, untimed tests, or use a reader
- ✓ Allow alternative methods to demonstrate comprehension
- ✓ Select question format carefully
- ✓ Teach and review test-taking vocabulary
- ✓ Teach strategies to prepare for different types of tests/assignments
- ✓ Provide extra cues or prompts
- ✓ List critical vocabulary for content material
- ✓ Provide discussion questions before reading
- ✓ Easy access to books
- ✓ Reduce reading level
- ✓ Use provided pictures for context
- ✓ Discuss assignment before reading
- ✓ Skim material before reading
- ✓ Use alternative page set-ups
- ✓ Use extra space between lines of print
- ✓ Change text size, spacing, colors

LOW-TECH

- ✓ Slant board
- ✓ Book holder
- ✓ Page fluffers to help turn pages
- ✓ Page extenders to turn pages
- ✓ Laminate book pages
- ✓ High contrast materials
- ✓ Enlarged print
- ✓ Eye gaze to choose books
- ✓ Tactile enhancements
- ✓ Lighting adjustments (more, less, direction)
- ✓ Books on tape
- ✓ Highlight key points in textbooks and notes
- ✓ Rubber tabs used for glass to turn pages
- ✓ Paper clips and a magnet to turn pages
- ✓ Loose-leaf notebooks and page protectors
- ✓ Word makers to guide reading
- ✓ Label important items in room
- ✓ Large print books
- ✓ Pictorial directions (rebus, PCS symbols, etc.)
- ✓ Add pictures, symbols, and/or signs
- ✓ Paper clips and a magnet to turn pages
- ✓ Classroom devices with speech output (language master, talking cards, etc.)
- ✓ Teacher created books
- ✓ Use pictures with text

HIGHER TECH

- ✓ Tape recorder with adapted controls
- ✓ Electronic/talking dictionary/thesaurus
- ✓ Electronic page-turner
- ✓ Filmstrip projector with adapted controls (enlarged, switch, etc.)
- ✓ Slide projector with adapted controls
- ✓ Devices with speech output (talking picture frames)
- ✓ The 'Reading Pen'
- Computer**
- ✓ Software for talking word processor
- ✓ Built-in accessibility options
- ✓ Large, high-resolution monitor
- ✓ Screen magnifier
- ✓ Color monitor and software to select colors
- ✓ Screen magnification software
- ✓ Screen reading software
- ✓ Earphones for speech synthesizer
- ✓ Large print output device
- ✓ Braille output device
- ✓ Refreshable braille displays
- ✓ Screen flasher
- ✓ Scanner
- ✓ Storybook software
- ✓ Download books from net and upload to talking word processor software
- ✓ Scanner or OCR to upload to talking word processor software
- ✓ Single switch software for reading
- ✓ Interactive reading software

AT Ideas for Math

STRATEGIES & MODIFICATIONS

- ✓ Reduce clutter on desk
- ✓ Extended time for assignments/tasks
- ✓ Reduced or alternative assignments/tasks
- ✓ Clear and simple directions with examples and checks for comprehension
- ✓ Peer tutor/cross age tutor &/or volunteer
- ✓ Allow calculators/manipulatives/counters
- ✓ Use alternative page set-ups
- ✓ Seating position
- ✓ Reduce number of items on page
- ✓ Functional application of math skills
- ✓ Adapt worksheets and packets
- ✓ Teach "counting on" and other math strategies
- ✓ Teach "problem solving"
- ✓ Alter type of info (give answer first)
- ✓ Fold paper to show one problem
- ✓ Concrete materials

LOW-TECH

- ✓ Manipulatives (blocks, magnetic objects, etc.) with or without templates
- ✓ Sliding math line
- ✓ Abacus (regular or enlarged)
- ✓ Visual cues (number line, posters, templates, etc.)
- ✓ Dotted, highlighted or graph paper to line up math problems
- ✓ Graph paper for place value in adding or subtracting
- ✓ Circle or highlight computation sign
- ✓ Calculators Dice made with large squares of foam
- ✓ Counting mat or boxes
- ✓ Number line on desk
- ✓ Sliding math line
- ✓ Mini whiteboard/chalkboard
- ✓ Math dictionary
- ✓ After workbooks/worksheets
- ✓ Flash cards with string and beads attached
- ✓ Walking number line on floor
- ✓ Multiplication grid
- ✓ Lined paper turned sideways for columns
- ✓ Cardholders

HIGHER TECH

- ✓ Talking calculators
 - ✓ Printing calculators
 - ✓ Braille calculators
 - ✓ Calculator with large keys, large LCD and/or printout
 - ✓ Tactile/voice output measuring devices (clock, ruler, etc.)
- Computer**
- ✓ On-screen calculator
 - ✓ Software for enlarged calculator
 - ✓ Software with templates for math computation
 - ✓ Software that allows for manipulation of materials
 - ✓ Software for adapted input methods/
 - ✓ Simulation software
 - ✓ Software for money skills, budgeting, check writing, etc.
 - ✓ Math talking worksheet software
 - ✓ Software to bridge the gap between abstract concepts and the real world
 - ✓ Exploratory software

AT Ideas for Studying/Organization

STRATEGIES & MODIFICATIONS

- ✓ Reduce clutter on desk
- ✓ Use clear, simple directions and check for comprehension
- ✓ Use peers/cross-age tutors/volunteers
- ✓ Attach assignments, schedule, checklist timetable, etc to desk
- ✓ Appropriate scheduling/collaboration with resource teacher and others
- ✓ Allow separate settings for tests/assignments
- ✓ Have student arrive early to go over days plan, preview materials or tasks
- ✓ Provide daily and weekly assignment sheets
- ✓ Use alternative page set-ups
- ✓ Model the activity or provide example
- ✓ Break Information Into steps
- ✓ Prioritize tasks with time suggestions
- ✓ Home texts/materials for preview/ review
- ✓ Seating needs
- ✓ Seating position
- ✓ Teach study skills and self-monitoring
- ✓ Use cooperative learning groups
- ✓ Provide guided practice
- ✓ Establish routines for handing in work, heading papers, etc.
- ✓ Provide essential fact list
- ✓ Teach key direction words
- ✓ Review and practice in real situations
- ✓ Plan and teach for generalization
- ✓ Provide sequential directions (label as first, second, third etc.)
- ✓ Use physical cues/gestures
- ✓ Use supervised breaks if necessary
- ✓ Provide an adjusted timetable
- ✓ Use a variety of instructional strategies
- ✓ Schedule intermittent check for comprehension
- ✓ Prioritize tasks with time suggestions
- ✓ Write oral instructions & keep one location

LOW-TECH

- ✓ Organizers for materials (drawers, bins, etc.)
- ✓ Organizers for desk Highlight key words and instructions
- ✓ Use a "Notebook Control System", Post It notes/flags
- ✓ Erasable highlighter pens and tape
- ✓ NCR paper for notes Tape record instructions
- ✓ Use supplementary, multi-modality materials
- ✓ Use vocabulary files, cards, or books
- ✓ Pre-label, highlight, punch and collate handouts
- ✓ Pictorial schedule/assignments Color-coded filing system (index tabs, folders, notebooks, book covers, etc.)
- ✓ Voice output reminders for assignments, studying steps of task, schedule, etc
- ✓ Photocopy information ahead of time
- ✓ Study sheets to organize material
- ✓ Change lighting (light on desk, back to window)
- ✓ Use a light box Book ends and book holders to hold books on table
- ✓ Prepare summary of important facts with blanks to be filled in by student during lesson
- ✓ Use overlays/acetate on text pages
- ✓ List of confusing words Business cards/ mailing labels
- ✓ Earplugs or headphones
- ✓ Combination analog/digital watches
- ✓ Talking clocks
- ✓ Phone dialers
- ✓ Day-timers, schedulers and planners

HIGHER TECH

- ✓ Recorded material (books on tape, tape lectures with number coded index)
 - ✓ Mini pocket/key chain recorders
 - ✓ Portable electronic organizers, date books, etc.
 - ✓ Voice output reminders for assignments, multiple-step tasks, etc
 - ✓ Electronic dictionary, encyclopedia, etc
 - ✓ Videotape lesson for later review
- #### **Computer**
- ✓ Software for manipulation of objects, and concept development
 - ✓ Software for organization of ideas and studying
 - ✓ Calendar/schedule making software
 - ✓ Outline in word processors
 - ✓ Free form databases
 - ✓ Use of word processor templates
 - ✓ Webbing, mind mapping software
 - ✓ Use of word processor forms