

Assistive Technology Consideration Resource Guide

Instructional or Access Area: MATH	Standard Tools	Accommodations	Assistive Technology Solutions	
<p style="text-align: center;">Sample Tasks:</p> <ul style="list-style-type: none"> • Identify numbers in isolation and sequence • Comprehend basic math concepts • Complete basic calculations (addition, subtraction, multiplication, and division) • Complete complex math calculations • Complete math word problems • Tell time to the hour, half-hour, etc., using an analog and/or digital clock • Calculate passage of time • Identify coins and bills • Demonstrate understanding of coins and bill value • Use money to purchase items • Use coins and bills to make appropriate change • Maintain and balance a checkbook 	<ul style="list-style-type: none"> • Manipulatives (e.g., beads) • Abacus • Number line • Math facts sheet (e.g., multiplication facts) • Calculator • Instructional software to remediate and enhance specific math skills 	<ul style="list-style-type: none"> • Change format of assignment (e.g., write answers only) • Have peer/adult read problem and record answer • Arrange additional spacing between problems • Provide additional time to complete tasks 	<ul style="list-style-type: none"> • Increased print size • Modified paper (e.g., bold line, enlarged, raised line, graph paper) • Talking calculator • Calculator with large print display • Calculator with large keypad • Calculator with embossed output (e.g., Braille N Speak) • On-screen calculator • Equation Editor feature (Microsoft Word) • Electronic math worksheet software with adaptive input and output as needed (e.g., MathPad, MathPad Plus, Scientific Notebook, and Geometers Sketchpad) • Math APPS (e.g., Algebra Touch, iFormula) • Adapted measuring devices (e.g., devices with speech output, large print display, tactile or Braille labels) 	
		Modifications		<ul style="list-style-type: none"> • Change complexity of material (e.g., separate problems by operations required) • Provide teacher/peer support for reading and other assignments • Reduce number of problems
Instructional or Access Area: Studying & Organization	Standard Tools	Accommodations	Assistive Technology Solutions	
<p style="text-align: center;">Sample Tasks:</p> <ul style="list-style-type: none"> • Copy assignments from board • Record assignments from teacher dictation • Record and complete assigned task within designated timelines • Gather appropriate materials/supplies for class activities 	<ul style="list-style-type: none"> • Instructional materials, including software, to remediate deficit areas, to teach compensation strategies and to focus on strengths 	<ul style="list-style-type: none"> • Have peer and/or adult provide assignment sheet • Outline key points • Provide student schedule or checklist • Position student strategically within classroom environment • Use timers • Give student self-monitoring sheets • Request teacher/peer assistance when needed to gather appropriate materials/supplies for class activities 	<ul style="list-style-type: none"> • Visual supports such as text or picture schedule • Organizational aids (e.g., color coding, appointment book) • Tape recorder • Personal information managers (electronic, web-based, app, or dedicated) with speech, text, auditory, or tactile cues • Transparent or color-coded folders • Digital images of assignments written on board or peer's planner with use of cell phone or mobile device 	