

## Assistive Technology Consideration Resource Guide

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