

WATI Assistive Technology Decision-Making Guide

Area of Concern: Math

PROBLEM IDENTIFICATION

Student's Abilities/Difficulties	Environmental Considerations	Tasks
<p>What are the student's abilities and difficulties related to the area of concern?</p> <ul style="list-style-type: none"> ● Learning strengths ● Understands math concepts and mathematical notation ● Does not understand steps to solving a problem ● Difficulty reading ● Does not know how to recognize a problem ● Ability to handle multiple steps ● Physical difficulties, fatigue ● Visual processing ● Other concerns 	<p>What environmental considerations impact the area of concern?</p> <ul style="list-style-type: none"> ● Curriculum approach is different than previous approach ● Are materials accessible? ● Manipulatives and e-text versions available ● Teacher or aide available to adapt curriculum ● Support for staff development in math 	<p>What task(s) do you want the student to do that relate(s) to the area of concern?</p> <ul style="list-style-type: none"> ● Gain fluency in reading math ● Demonstrate ability to perform math computations ● Align a problem and apply steps ● Write or draw a mathematical notation ● Apply math skill in context (purchasing, filling online form, check writing and balancing accounts)
Sensory Considerations		Narrowing the Focus
<p>What sensory challenges does the student have that impacts learning? (i.e. visual, auditory, tactile)</p>		<p>i.e. Specific task identified for solution generation</p>
Solution Generation Tools & Strategies	Solution Selection Tools & Strategies	Implementation Plan
<p>Brainstorming only No Decision</p> <p>Review Continuum</p>	<p>Use a feature match process to discuss and select ideas(s) from Solution Generation</p>	<p>AT Trials/Services Needed:</p> <ul style="list-style-type: none"> ● Objectives to determine effectiveness of trial ● Training needed ● Date ● Length ● Person(s) responsible
		Follow-Up Plan
		<p>Who & When Set specific date now</p>

Important: It is intended that you use this as a guide. Each topic should be written in large print where everyone can see them, i.e. on a flipchart or board. Information should then be transferred to paper for distribution, file, and future reference.