

### Case Study #3 – AT Category: Learning, Cognition, Development (SETT)

**Student** – High School Student who struggles with writing math equations

**Environments** – math, statistics, calculus, trigonometry classroom

**Tasks** – writing out pre-algebra, algebraic formulas, fractions

**Tools** –

#### Low-Tech

#### Mid-Tech

#### High-Tech



Writing tools, grips

Chrome browser with Voice Recognition extension; MathTalk software

STEP 1: Based on S-E-T data, enter descriptors or functions needed by the student across the shaded top row - 1 descriptor per column

STEP 2: Enter promising tools in the shaded left column - 1 tool per row

STEP 3: Note whether each tool matches a descriptor by placing an “X” in each of the applicable white boxes

Descriptors 	Needs help writing with a pencil (essays or math)	Aids writing out calculations	Aids composition	Free	Easy to use	
Tools 						
Writing bird, weighted pen	X					
Chrome voice to text extension			X	X	X	
MathTalk		X	X		With time it's easy	
Voice Recognition			X		With time it's easy	

Modified from Joy Zabala’s SETT Scaffold for Tool Selection by Oklahoma ABLE Tech

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SETT forms and additional resources are available for download at <http://www.joyzabala.com>.