Case Study #1 – AT Category: Learning, Cognition, Development (SETT)

Student – Elementary Student who struggles with math

Environments – math and science classrooms

Tasks – Performing simple calculations, counting money, rounding number, press keys verbally to enter in equations

Tools – Does the student already have access to tools?

Low-Tech		**Mid-Tech**		**High-Tech**
Slide-A-Round Math Manipulatives	–	Coin-U-Lator	–	Coin Math App

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 ⇨ / **Tools** ⇩	Aids calculations and/or aids in entering calculations	Aids composition	Auditory feedback	Battery operated/ rechargeable	Durable	Easy to use
Slide-A-Round Math Manipulatives	X				X	X
Coin-U-Lator	X		X	X	X	X
Coin Math app (with iPad and durable case)	X		X	X	X	X