

Employment Case Study #2 – AT Category: Math

Human – A building contractor with dyscalculia was inefficient when creating job quotes. To ensure the mathematical calculations were accurate, the employee spent extra time "figuring" and "double-checking" the numbers.

Activity – creating job quotes, ensure calculations were accurate

Assistive Technology –

Low-Tech

Mid-Tech



High-Tech

← Pre measured guides - measurement guide book – talking tools - Calculators - →

STEP 1: Based on HAAT data, enter descriptors or functions needed by the person 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  | Text to speech feedback to help ensure accuracy | Measurement aids for construction sites | Easy to use |
|---|---|---|-------------|
| Tools  | | | |
| Talking calculator or Scientific calculator | X | | X |
| Pre-measurement guides or jigs | | X | X |
| Post mathematical tables at desk or in work area | | X | X |
| Talking tools: tape measure, scales, watches, and calculators | | X | X |

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>.