

## **User Testing Instructions:**

This Technology Transfer (TT) Plan output report displays a small sample of a TT Plan in two different formats. Note that the actual TT Plan output report will contain information for all nine stages of the Need to Knowledge Model. This abbreviated version, showing only Stage 1, is for testing purposes only.

Please review both options before responding to the TT Plan output report questions in the questionnaire.

# OPTION 1

This output report matches the Need to Knowledge Model's steps to your TTPT responses to form a comprehensive technology transfer plan. For your convenience, each step in the NtK Model is listed, along with the corresponding TTPT questions and your responses. Use this report to identify steps requiring more attention, or to share your plans and progress with your project officer, potential partners, and/or your project team.

## Phase I: Research Activity

### Stage 1: Define Problem and Solution

#### ***Step 1.1. Assess needs with input from stakeholders***

***TTPT Part 1- Q5: Describe how you assessed stakeholder needs.*** We reviewed relevant literature and talked with children and teachers.

#### ***Step 1.2. Identify a problem (need)***

***TTPT Part 1- Q4: As described by end users, what problem does your product solve or what unmet need does it fulfill?*** The problem is some children lack the fine motor control skills needed to successfully operate a Texas Instruments graphing or scientific calculator.

#### ***Step 1.3. Propose a plausible solution***

***TTPT Part 1- Q3: What are you creating/developing?*** We are creating/ developing an expanded keyboard that makes it easier for kids who have difficulty with fine motor control to use a graphing calculator.

***TTPT Part 1- Q6: How does the product solve the problem/fulfill the unmet need?*** The product solves the problem/ fulfills the unmet need by providing an enlarged, lightweight, independently powered replica of the keyboard face of these calculators.

#### ***Step 1.4. Determine scope of project***

***TTPT Part 1- Q7: Check the boxes that relate to the project activities you would like to describe in your technology transfer plan.*** You have indicated that you plan to conduct engineering development activity for this project.

#### ***Step 1.5. Consider the path from project output to the marketplace***

***TTPT Part 1- Q8: Who will be responsible for manufacturing, selling and servicing your product when it is in the market?*** All manufacturing, selling, and servicing will be performed by external parties.

# OPTION 2

This output report matches the Need to Knowledge Model's steps to your TTPT responses to form a comprehensive technology transfer plan. Use this report to identify steps requiring more attention, or to share your plans and progress with your project officer, potential partners, and/or your project team.

## Phase I: Research Activity

### Stage 1: Define Problem and Solution

#### ***Step 1.1. Assess needs with input from stakeholders***

We reviewed relevant literature and talked with children and teachers.

#### ***Step 1.2. Identify a problem (need)***

The problem is some children lack the fine motor control skills needed to successfully operate a Texas Instruments graphing or scientific calculator.

#### ***Step 1.3. Propose a plausible solution***

We are creating/ developing an expanded keyboard that makes it easier for kids who have difficulty with fine motor control to use a graphing calculator.

The product solves the problem/ fulfills the unmet need by providing an enlarged, lightweight, independently powered replica of the keyboard face of these calculators.

#### ***Step 1.4. Determine scope of project***

You have indicated that you plan to conduct engineering development activity for this project.

#### ***Step 1.5. Consider the path from project output to the marketplace***

You have indicated that all manufacturing, selling, and servicing will be performed by external parties.