Using Worked Examples in Math Class

Online Training Agenda

I. Getting Started



1. **Sign-In**
2. Watch Video #1: Overview

II. Prepare Materials



1. Make a copy of the Google Doc Worked Examples Notes. Use this document to record any notes, ideas, aha's, and questions as you go through the module. It is broken down into the various sections of the training.



2. Click the following link to make a copy of a Google Drive folder of Worked Example Handouts with multiple examples. These will be referred to during the training and will serve as models for writing your own.



3. Click the following link to download the IES Practice Guide Teaching Strategies for Improving Algebra Knowledge in Middle and High School Students.



4. Click the following link to download the High Leverage Practices for Special Education.

III. View Training Videos



1. Watch Video #1: Overview if you haven't already done so.
2. Watch Videos #2 - #5. These should be watched **in order**. As you watch, write down ideas for your classroom using the handout Worked Examples Notes. Additionally, during the videos you will be asked to pause the video and complete some tasks before resuming the video.
   a. Video #2: What are Worked Examples?
   b. Video #3: Types of Worked Examples
   c. Video #4: Creating Worked Examples
   d. Video #5: Teaching with Worked Examples

IV. Extending your Learning



➔ Explore the document Worked Examples Resources, found in the Google Folder you downloaded. These resources will help you to develop a deeper understanding of worked examples and some of the principles behind them. There are videos/webinars, articles, websites, and

instructional resources. Some of these were referenced in the Training Videos.

1. Explore at least one (1) of the videos, webinars, or websites; jot down insights and new learning from them in your Worked Examples Notes.
2. Explore at least one (1) of the instructional resources; jot down insights and new learning from them in your Worked Examples Notes. Consider how you might
    a. use the resource in your class or
    b. create one similar to use in your class

V. Exit Slip and Evaluation



After watching the videos, extending your learning, and scripting your ideas for your classroom, take the Exit Slip and Evaluation for this training.