Intervention Name: Motivate with 'Errorless Learning" Worksheets

Grades: 2-12

Description:

Reluctant students can be motivated to practice number problems to build computational fluency when given worksheet that include an answer key (number problems with correct answers) displayed at the top of the page. Such speed drills build computational fluency while promoting student's ability to visualize and to use a mental number line.

Materials:

Math facts worksheets with answers listed at the top, pencil, graph paper (optional)

Steps:
- Direct the student to complete math facts as quickly as possible.
- If the student comes to a number problem that he or she cannot solve, the student is encouraged to locate the problem and its correct answer in the key at the top of the page and write it in.

Variation:
- The student is given a kitchen timer and instructed to set the timer for a predetermined span of time (e.g., 2minutes) for each drill.
- The student completes as many problems as possible before the timer rings.
- The student then graphs the number of problem correctly computed each day on a time-series graph, attempting to better his or her previous score.

Reference: Caron, 2007