



Using Peer Assisted Instruction to Teach Math Computation

Objective: To teach students basic mathematics computations (i.e., addition, subtraction, multiplication, and division).

Setting and Materials:

Settings: General Education Classroom

Materials:

- Math Text Book
- Problem Worksheets

Content Taught

The content taught is math computations (i.e., addition, subtraction, multiplication, and division) using peer assisted instruction in which students practice completing work and tutors demonstrate how to complete problems and grade tutees work.

Teaching Procedures

1. Hand out problem worksheets after lesson is taught.
2. Instruct tutors to model procedural steps for completing the problem.
3. Tutors give step-by-step feedback to confirm and praise correct responses and to provide explanations and model strategic behavior for incorrect answers.
4. Instruct tutors to respond every time the tutee writes and speaks an answer.
5. When the tutee is correct, the tutor circles the correct answer, and when the tutee is incorrect or expresses confusion, the tutor provides as much additional help as needed.
6. The tutee then works the next problem set more independently and explains his or her work to the tutor and, while the tutor listens, corrects incorrect statements, relying on the same correction procedure used for the first problem set.
7. Then, the two students reverse roles and repeat the same sequence.

Evaluation

Students complete teacher created test on content taught.

Lesson Plan Based on:

Calhoon, M. B., & Fuchs, L. S. (2003). The effects of peer-assisted learning strategies and curriculum-based measurement on the mathematics performance of secondary students with disabilities. *Remedial and Special Education, 24*, 235-245.

Problem Worksheet

Tutor

Tutee

Tutor

Tutee

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