

Intermixing Easy and Challenging Computation Problems

Hawkins, J., Skinner, C. H., & Oliver, R. (2005). The effects of task demands and additive interspersal ratios on fifth-grade students' mathematics accuracy. *School Psychology Review*, 34, 543-555.

This targeted intervention helps students improve accuracy and creates a positive learning environment that motivates the students.

Materials:

- Math Computation Worksheet with a mixture of difficult and easy problems using a 1:1 ratio of challenging and easy problems.
- Math Computation Worksheet Answer Key

Steps:

1. The teacher provides the student with a math computation worksheet that matches the student's current math-computation ability interspersed with easy problems.
2. The student uses the Math Computation Worksheet Answer Key to check the answers.

Variation:

As the student becomes more fluent, the ratio may change to 2:1, 3:1, or 4:1 using challenging problems to one easy problem.

Note:

Intervention Central offers a Math Worksheet Generator for teachers at <http://www.interventioncentral.org/curriculum-based-measurement-reading-math-assesment-tests>