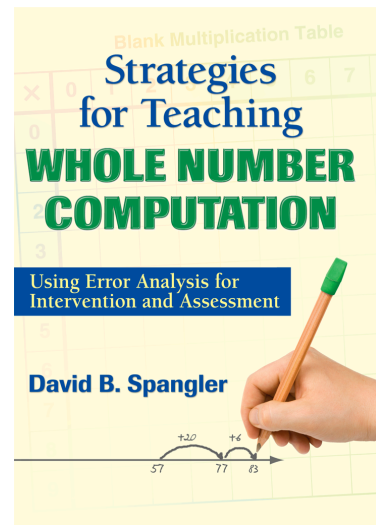


Strategies for Teaching Whole Number Computation: Using Error Analysis for Intervention and Assessment

Author(s): David B. Spangler

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Age Group: Professional Development
Learning Area: Mathematics
Category: Activities & Exercises, Assessment



Summary:

The ability to assess a student's mistakes and guide them to the correct answer is essential in mathematics, and with *Strategies for Teaching Whole Number Computation* teachers will be able to properly evaluate their students' understanding of whole number computation.

Strategies for Teaching Whole Number Computation: Using Error Analysis for Intervention and Assessment offers targeted instructional strategies based on standards and includes four units, each containing:

- A diagnostic test in a multiple-choice format;
- An item analysis table that correlates incorrect test responses with student error patterns;
- A detailed section of supporting intervention activities to address specific types of errors;
- Practice exercises for students, with answer keys; and
- Reflection questions for teachers to use in a professional development setting, workshop or methods course.

Supporting Resources:

- *Styles and Strategies for Teaching Middle Years Mathematics: 21 Techniques for Differentiating Instruction and Assessment* (CO1197)
- *Strategies for Teaching Fractions: Using Error Analysis for Intervention and Assessment* (CO1203)

**Hawker Brownlow**
EDUCATION
PO Box 580
Moorabbin VIC 3189
Tel: +61 3 8558 2444
Fax: +61 3 8558 2400
Web: www.hbe.com.au
Email: orders@hbe.com.au