

Understanding Numbers: Developing Computational Fluency 3-5

Course Details

Format: Three Days

Target Audience: Classroom Teachers, Math Coaches, Math Coordinators, Teacher Leaders

Available Grade Ranges: 3-5

Course Description

This three-day course presents teachers of grades 3-5 mathematics with methods and activities that will help their students develop an understanding of the structure of numbers as the basis for computational fluency. Topics include place value, multi-digit addition and subtraction, multiplication and division and a first look at decimals.

Additional Information

Math Perspectives professional development helps schools/districts become on-going learning organizations that directly and ultimately benefit students. Our courses help teachers organize for the effective teaching and learning of mathematics in the classroom and enhance their understanding of:

- ♦ Important mathematical concepts
- ♦ How children learn and develop mathematical thinking
- ♦ How to assess mathematical understanding and competence and to teach in response to children's needs
- ♦ Techniques for implementing an exemplary math program
- ♦ Ways to organize their classroom in order to ensure the success of all students

Course Materials

The set of three Understanding Numbers books: *Understanding Decimals*, *Understanding Place Value*, *Understanding Addition and Subtraction*, by Kathy Richardson.

The cost of the texts for the course is not included in the registration fee. Participants must purchase these texts and bring them to the course.

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