

Number Talks: Thinking with Numbers K-2 or 3-5

Course Details

Format: Two Days

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

Available Grade Ranges: K-2 or 3-5

Number Talks were created by Kathy Richardson and Ruth Parker in the early 1990s to engage students in meaningful mathematical discourse and sense-making as well as transform the culture of the classroom to one of inquiry and curiosity.

Course Description

During these two-day courses, teachers learn to help students acquire competence in computation using visual models and number relationships to build number sense and to develop numerically powerful strategies that make sense to students. Students work with numbers using strategies that are simple, yet meaningful and powerful. Teachers see these methods modeled as they observe children solving problems during Number Talks. Course time is also devoted to helping teachers strengthen their own understanding of mathematics.

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

K-2 Teachers – *Thinking with Numbers – Number Talks in the Primary Classroom*, by Kathy Richardson and Sue Dolphin

3-5 Teachers – *Getting Started with Number Talks – A number Talks Course Book for Grades 3-5 Classroom Teachers*, by Kathy Richardson and Cathy Young

Participants will receive these texts with the course registration fee.

Contact Information

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