



# Dimension 2000

**'When you're serious about  
improving math achievement'**

Dimension 2000  
Math Professional Development  
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## Math Professional Development Packages

### 1. Single Day Math Workshop

Single day math workshops for regular and special education teachers feature instructional strategies and activities guaranteed to increase students interest, self-confidence, and achievement in mathematics. Each workshop is designed to address specific math topics including number sense, algebraic reasoning, measurement and geometry, or probability and statistics.

### 2. Follow-up School Visits and Model Lessons

School visits with a Dimension 2000 Consultant: The purpose of the school visits is to provide support and follow-up for teachers who attended the math workshop(s), and to strengthen teachers' buy-in of Dimension 2000's strategic approach to math instruction. Add additional consultants to allow for more classroom visits each day.

### 3. Teacher Rounds

Teacher Rounds with a Dimension 2000 Consultant: The purpose of the Teachers Rounds is to provide a hands-on professional development experience in the classroom. The program works as follows. The school provides a substitute teacher for each teacher in a common grade level or subject (like algebra). The first part of the day, the teachers and consultant meet to discuss teaching and learning strategies, and to cooperatively plan a lesson for a specific class (a class assigned to one of the participants). During the second part of the day, the consultant and teachers go into the class and cooperatively deliver the lesson. The lesson is comprehensive and includes a warmup, mental math string, hands-on experience, and closure activity. The third part of the day, the participating teachers meet with the consultant and reflect on the teaching experience, and discuss the details of the lesson and how the students responded. The teachers will also have time to look ahead and to determine when they can use the featured strategies in their own classrooms.

**Tip:** In middle school, for example, the 3 - 5 substitute teachers who are selected for the Teacher Rounds day with sixth-grade teachers can be used days 2 and 3 to cover for the seventh and eighth-grade teachers during their Teacher Rounds experience.

# Professional Development Packages, Continued

## 4. Summer 2010 Math Institutes

**Three to Five Day Summer Math Institute:** The purpose of the Summer Math Institute is to help teachers acquire great strategies for planning, instruction, assessment, and classroom management. The Summer Math Institute is very powerful and tailored for elementary teachers, middle grades teachers, and/or high school teachers. In addition to great teaching and learning strategies, teachers will expand their own knowledge and understanding of mathematics. During the institute, time will be taken to help teachers plan for the new school year and *tag their curriculum* so they will know when to implement each particular strategy and activity.

Summer Math Institutes are brought to the participants' school and can be delivered for a single school, group of schools, or the entire school system.

## 5. Comprehensive Implementation for a Targeted School

**Targeted School:** When a single school chooses to be a model school for math instruction and achievement, that school can contract with Dimension 2000 for the Summer Math Institute, single day workshops throughout the school year, schedule school visits each nine week period, and implementation of the full range of Dimension 2000 support materials (listed below). Special consideration will be given for pricing of workshops, consultation, and materials.

- Materials cost:
- \$149 Three-Set Strategies Books
  - \$249 High Achievement Math Program (grades 3 - 9)
  - \$199 Math Attack (grades K-2)
  - \$249 Achieve and Succeed Algebra, Geometry, Alg II (high school)
  - \$19 Student Problem Solving Journals (Grades 3 - HS, per student)
  - \$399 Math Manipulative Kit (specify K-2 or 3-9)
  - \$999 Transformation Creation Software (school site License)
  - \$249 Fraction Alley Game