

Design your own Mathematics Workshop!

Empower your teachers with cutting-edge strategies to enhance their teaching and their students' learning and understanding of mathematics. Alert administrators to the exciting changes in mathematics education and new strategies for their effective evaluation of classrooms and programs.

Tap into the expertise of a classroom teacher who has dedicated 28 years to **instilling a love of mathematics into her students**. Carol McGehe has taught mathematics in middle school and high school, in addition to elementary mathematics methods at the university level.

Choose topics in any combination from 4 categories of training to better address the needs of *all* your students, teachers, and administrators. . .

Classroom-tested and student-approved activities to teach . . .

Fractions, decimals, and percents using hands-on materials and practical problems

Ratios and proportions: Dispel the myth that a ratio and fraction are the same, and gain true proportional understanding

Algebra and pre-algebra topics from a conceptual and practical applications approach

Geometry and measurement that *all* students (grades 4-12) can understand and appreciate without fear

Activities that *integrate algebra and geometry* concepts

Mini-courses taught as *content*

workshops (for teachers needing mathematics *instruction* that bolsters a true conceptual understanding in the following areas):

Conceptual models of the 4 basic operations
Fractions, decimals, and percents
Ratios and proportions
Probability
Statistics and data gathering

Strategies to weave throughout the mathematics curriculum:

Writing throughout the mathematics curriculum

Problem-solving and critical thinking strategies and activities

Using Graphing Calculators in Algebra and Geometry to promote higher-order thinking skills

Heterogeneous grouping: Teaching mathematics to students of all ability levels within a single class period, differentiating lessons and homework, and organizing and managing multiple tasks

Curriculum revision that is worth the work:

Curricular design across the grades: What to consider, organizing the task, integration of topics, sample activities

NCTM Standards 2000: Characteristics of a standards-based classroom, what we have learned and where we are going

Administrators and evaluators: Knowing what to expect and how to evaluate "cutting-edge" mathematics instruction



Carol McGehe

Now you can orchestrate the *ideal* workshop to meet the needs of administrators and *all* teachers of grades 4-12 mathematics!

**Prime Presentations
(888) 917-3950**

**Mathematics
Grades 4-12
Days vary**

Call toll-free (888) 917-3950 to request a **Workshop Planning Sheet for the Carol McGehe workshops** to assist you in designing the ideal workshop package for your teachers. This planning sheet lists the topics above, the suggested time frames recommended for each, and work space for you to communicate your needs to us. **Call to request your planning worksheet today!**