

manipulatives
problem solving
assessment
new challenges
concepts
NCTM standards
confidence



PROGRAM SCHEDULE

Sunday, 6/20

2:00-6:00 PM	Arrival, registration, room assignments
6:00 PM	Refreshments in the lower lounge of the dining area
6:30 PM	Dinner
7:30 PM	General session and class sessions
9:00 PM	Social hour with refreshments

Monday-Thursday, 6/21-24

8:00 AM	Breakfast
9:00 AM	Class session
10:30 AM	Coffee and juice break
11:00 AM	Class session
12:30 PM	Luncheon
1:30 PM	Class session
3:30 PM	Rest, relaxation, recreation
5:00 PM	Refreshments in the lounge of the Dining Hall
6:00 PM	Dinner
7:00 PM	Class or Evening Speaker
8:45 PM	Social hour with refreshments

Please note:

Wednesday evening is your night out. Classes will end at 12:30 PM. Lunch will follow. There will be no evening meal or evening class.

Friday, 6/25

8:00 AM	Breakfast
9:00 AM	Class session
10:30 AM	Coffee and juice break
11:00 AM	Graduation ceremonies
12:00 PM	Lunch and Departure

www.cgamathscience.org



48th Annual

K-8

MATH

Workshop

at

Dana Hall

June 20-25, 2010

> ABOUT THE PROGRAM

Dana Hall School, Wellesley, MA
June 20-25, 2010

An intensive, invigorating, interactive five-day experience where you will be a learner and teacher-researcher as you extend your own mathematical understanding as part of your role as curriculum facilitator and developer.

Enjoy the breathtaking Dana Hall campus in Wellesley, Massachusetts, and spend mealtimes talking with colleagues about new ideas and extensions of old ones. In evenings, special speakers and activities unite each of the classes around important ideas in mathematics education.

This week-long workshop will focus on:

- Seeing how **manipulatives** foster a greater understanding of mathematical concepts.
- Realizing and validating that there are **multiple ways** of solving problems.
- Using arithmetic and computation as a by-product of a rich **problem solving** curriculum.
- Incorporating the **NCTM standards** in the classroom.
- Preparing your **students** to feel confident in approaching new challenges.
- Exploring new models of **assessment**.
- Thinking about how to meet the needs of a **wide range** of students.
- Studying **mathematics** including probability, numbers, geometry, logic, measurement, and pattern.

> ABOUT THE FACULTY

GORDON CLEM

- Director of this workshop for 48 years
- Former Head, St. Thomas Choir School and a teacher of mathematics in Grades 5-8
- National and international math workshop leader

ROBERT LAWLER

- Former Head of Mathematics Department at Shady Hill School and teacher of Grades 3-8
- Math workshop leader for public and private schools
- Recipient of Outstanding Elementary School Teachers of America Award
- Recipient of Presidential Award for Excellence in Teaching Mathematics

ANNETTE RAPHEL

- Head of School, The School at Columbia University
- Frequent workshop presenter
- Author of *Math Homework That Counts*
- Recipient of Presidential Award for Excellence in Teaching Mathematics

ELLEN BOISELLE

- Math specialist in the Learning Disabilities Program at Children's Hospital, Boston
- Private math tutor
- Doctorate in Child Development with focus on learning disabilities in math

TOM HARDING

- Head of the Mathematics Department at the Potomac School
- Author of *Thinking Through Mathematics*
- Particular interest in the transition from arithmetic to algebra

KAREN ECONOMOPOULOS

- Co-Director of Investigations Curriculum Project
- Author/developer of many of the Investigations primary units
- Author of *Beyond Arithmetic*
- Former primary teacher
- Frequent workshop presenter

ANNE SCRIBNER

- Elementary and middle school mathematics teacher, grades 4-9, at Shady Hill School for 19 years
- Experience includes being a math specialist as well as a classroom teacher
- Involved with teacher training, math clubs, and tutoring

✂ detach here

48TH ANNUAL K-8 MATH WORKSHOP AT DANA HALL

Registration Form

Please copy this form for each participant.

Name: _____

School/State: _____

Mailing Address: _____

Phone: _____-_____-_____

E-Mail: _____

please print clearly!

Program Choice:

Please choose one option below to help us determine the size of sections and assignment of classrooms.

_____ Grades K/1 _____ Grade 2

_____ Grades 3/4 _____ Grades 5/6

_____ Grades 7/8

Please choose **Boarder** or **Day**

_____ **Boarder** @ \$1,345
(\$200 extra for single room -
PLEASE NOTE THAT THERE IS A LIMITED
NUMBER OF SINGLE ROOMS AVAILABLE.)
Includes materials, room and meals

Male or **Female** (circle one)

_____ **Day** @ \$1,245
Includes materials and meals

Total: \$ _____

Mail this form with payment to:
CG Associates, PO Box 641, Lee, MA 01238

*Questions? Call 413-243-9189 or
e-mail gcllem01264@aol.com*