

THE ACTUARIAL
FOUNDATION®

MISSION STATEMENT

To develop, fund and execute education and research programs that serve the public by harnessing the talents of actuaries.

Youth Education



Consumer Education



Actuarial Education and Research





THE ACTUARIAL
FOUNDATION®

YOUTH EDUCATION



ADVANCING STUDENT ACHIEVEMENT

A program of THE ACTUARIAL FOUNDATION



*SOA/CAS EXAM – MATHEMATICAL PRELIMINARIES

Two urns contain balls each marked with 0, 1, or 2 in the proportions described below:

	Percentage of Balls in Urn		
	Marked 0	Marked 1	Marked 2
Urn A	0.20	0.40	0.40
Urn B	0.70	0.20	0.10

An urn is selected at random and two balls are selected, with replacement, from the urn. The sum of values on the selected balls is 2. Two more balls are selected from the same urn.

Determine the expected total of the two balls using Bayes' Theorem.





Thank you for sending us mentors. The mentors really help us in all our work. **MATH RULES...**

Calli, Allan, Karie & Dawit

I really enjoyed and loved having the mentors here. They made math fun and easier for me. Now I like it more.

Gao

Mentors are very very very cool. Thank you for sending mentors to help us on our math.

Nalee, Dillon, Vadee & Andrew

We had a lot of fun time with mentors. They taught us alot of math games and how to figure out more ways to do multiplication.

Maria

Letters from 5th graders at
PROSPERITY HEIGHTS
ELEMENTARY SCHOOL
ST. PAUL, MINNESOTA

Expect the Unexpected With
Math

SHAKE, RATTLE, & ROLL



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Math Academy

Are You Game?

Explorations in Probability



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SUPPLEMENTAL MATH MATERIALS FOR GRADES 3 – 6

Math Academy

Can You See It in Nature?

Explorations in Patterns & Functions



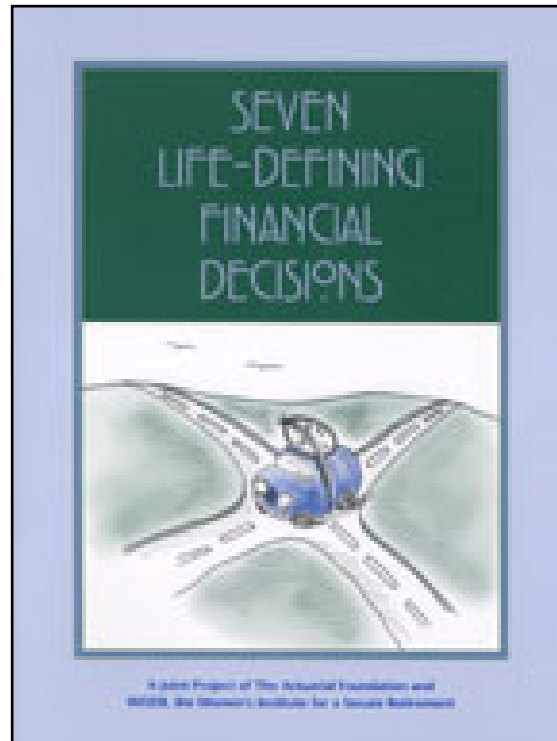
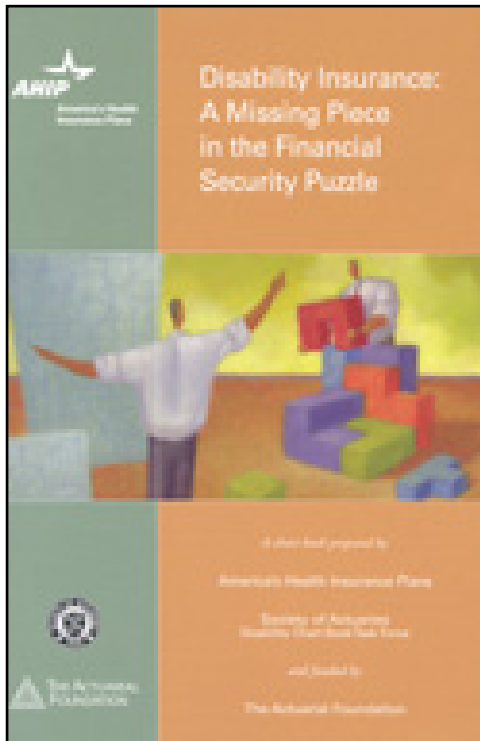
ADVANCING STUDENT ACHIEVEMENT.
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SUPPLEMENTAL MATH MATERIALS FOR GRADES 3 – 8



THE ACTUARIAL
FOUNDATION®

CONSUMER EDUCATION





CONSUMER EDUCATION

- Developed in partnership with Federal Alliance for Safe Homes (FLASH)
- Peril-specific guide to Homeowners insurance issues
- Dissemination through
 - FLASH Web site
 - State Insurance Commissioners
 - Katrina recovery expositions
 - Florida State Cabinet
 - Bob Vila Web Blog

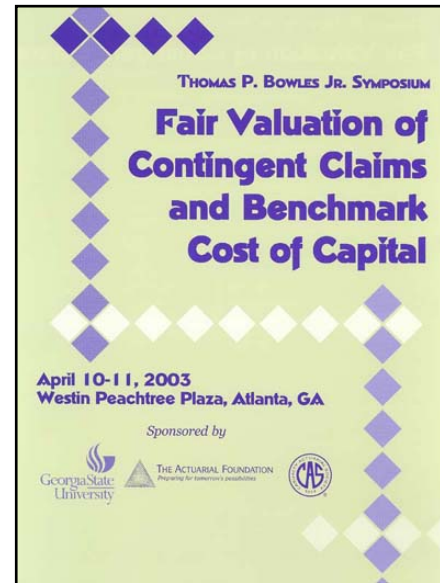
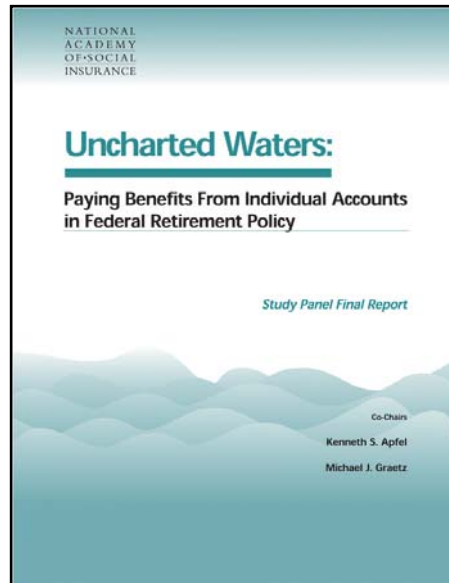
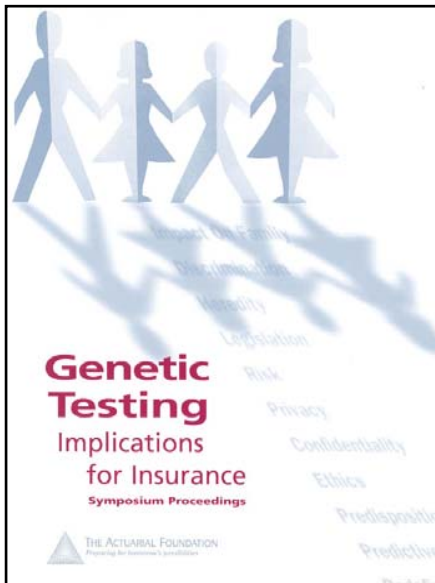
If disaster strikes
will you be covered?

A homeowner's insurance guide to natural disasters



THE ACTUARIAL
FOUNDATION®

RESEARCH & ACTUARIAL EDUCATION

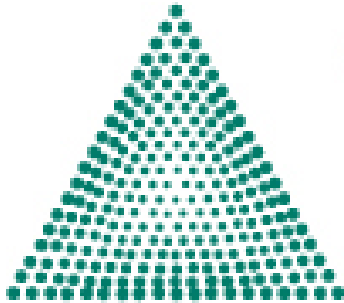


- ◆ Actuarial Research Exchange
- ◆ Individual Grants Competition
- ◆ Prizes, Awards, Scholarships



REBUILD MATH CLASSROOMS

The actuarial community has generously responded to the call to the Foundation's *Rebuild Math Classrooms* effort. Over \$117,000 in funding has been provided to 37 schools along the Gulf Coast to rebuild their math classroom resources.

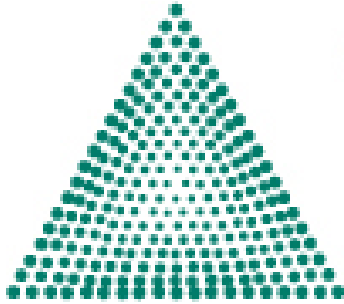


**THE ACTUARIAL
FOUNDATION®**

What can you do to give back to your communities?

- **Please make a financial contribution to the Actuarial Foundation**
- **Share “Shake, Rattle, and Roll” with your school**
- **Volunteer to be a mentor – Make a difference in the life of a student in your community.**

THANK YOU



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(847) 706-3535

www.actuarialfoundation.org

THANK YOU