In this issue
• Mathematical Patterning Activities in the Early Grades
• Alternative Algorithms
• Magnifying Mathematics with Digital Microscopes
• Exploring Misconceptions with Rich Tasks
• Kindergarten Math Clubs
• Much, much more!
For over 25 years CPM EDUCATIONAL PROGRAM has been writing problem-based student-centered course materials. We support and empower the mathematics education community through exemplary curriculum for grade six through calculus, comprehensive professional development, and leadership.

CPM’s curriculum engages students in interesting, challenging problems that promote mathematical discourse. We embed work in study teams in every lesson to encourage students to explain, justify, and critique their work.

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CPM envisions a world where mathematics is viewed as intriguing and useful, and is appreciated by all; where powerful mathematical thinking is an essential, universal, and desirable trait; and where people are empowered by mathematical problem-solving and reasoning to solve the world’s problems.

MORE MATH FOR MORE PEOPLE
In Memoriam: Eugene P. Smith

Dr. Eugene P. Smith died on September 14, 2014 at the age of 94. Eugene held many leadership roles nationally and in Ohio. Eugene was highly respected by mathematics educators, because of his diligence, knowledge, leadership, and caring. Dr. Smith was one of twelve mathematics educators that Dr. Harold Fawcett assembled to establish OCTM on November 4, 1950. In 1954, Eugene became the first Vice-President of OCTM, serving as President from 1956-58. Moreover, he was Vice President of NCTM from 1962-1964 and President from 1972-1974. He also served as the President of Mu Alpha Theta from 1981-83. Many honors have been given to recognize Eugene P. Smith’s contributions to mathematics education and leadership in the mathematics community including the Christofferson-Fawcett Award (1987), NCTMs Mathematics Education Trust Lifetime Achievement Award for Teaching (1994), and Mu Alpha Theta’s Award for Wise Counsel and Leadership in Mathematics Education (1984).

Dr. Smith was born in Obetz, Ohio, on September 30, 1919. A graduate of Hamilton Township High School (1937) and Ohio State University (1941), Eugene taught junior and senior high school mathematics, gunnery, and tactics at the Candidate Prep School at Fort Sill, Oklahoma during World War II. Returning to Ohio after the war, he continued to teach while working on his M.A. and Ph.D. and was chairman of the mathematics department at University High School at OSU for 10 years. In 1961, Dr. Smith moved to Michigan, where he became a professor of mathematics education at Wayne State University and remained there for 30 years. He was also a visiting professor for the Department of Mathematics at the University of Michigan, Dearborn. After 59.5 years of teaching, he retired in 2000.

Dr. Smith was the major author on a variety of mathematics books, including Discoveries in Modern Mathematics (Books One and Two), Retriev-O-Math, Computer Mathematics, and Career Education in the Academic Classroom. He was the sole author of the text Creative Practice Through Magic Squares and several book chapters, including “Strengthening Mathematics Programs for the Early Adolescents,” in the National Science Foundation text Early Adolescence, Perspectives, and Recommendations, “Linking Mathematics Education to Career Education,” (Twenty-Fourth NCTM Yearbook) and “Some Puzzles for Thinkers,” (Twenty-Seventh NCTM Yearbook).

Thousands of students and teachers had the opportunity to learn mathematics from Dr. Smith. He was truly a gem and a giant in mathematics education. He was an exceptional teacher, an educational leader, an endearing friend to many, and an exemplary family man. Eugene is survived by his lovely wife Clara; his son, Eugene L. Smith; two grandchildren, David and Anna Christie, and one great-grandson, Joseph Alan. We thank and remember Dr. Eugene P. Smith for paving the way for OCTM, NCTM, and for all he contributed to the mathematics community.
**Ohio Journal of School Mathematics CALL for MANUSCRIPTS**

The *Ohio Journal of School Mathematics* is the journal of the Ohio Council of Teachers of Mathematics. It is intended to be a medium for teachers from elementary to college level to present their ideas and beliefs about the teaching and learning of mathematics. Mathematics educators at all levels are encouraged to submit manuscripts for upcoming issues of the *Journal*. Although research studies are not emphasized in the *Journal*, practical application of research implications is appropriate.

**GUIDELINES FOR MANUSCRIPTS and ACTIVITIES**

Manuscripts should be double-spaced with one-inch margins, 11 point Times New Roman font, and a maximum of 8 pages. References should be listed at the end of the manuscript in APA style. Please include appropriate information such as author, journal or book title, publisher, date, and pages. Original figures, tables, and graphs should appear embedded in the document both in the electronic and hard copy forms. Please do not use text boxes, footnotes, or head-notes. An electronic copy is required to be submitted. The electronic copy must be in Word and should be submitted via an email attachment to elbaughba@math.ohio-state.edu. Author name, work address, telephone number, fax, and email address must appear on the cover sheet. No author identification should appear on manuscripts after the cover sheet. (The editors of the *Ohio Journal of School Mathematics* use a blind review process for manuscripts. Classroom activities are not peer-reviewed but undergo a rigorous revision process in consultation with the editors). Submit manuscripts to *Ohio Journal of School Mathematics*, Journal Editors.

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