

Program Author



Workshop/Presentation Topics

- Alternative Assessment, Grades K–12
- Magnificent Multiplication and Dazzling Division, Grades 3–5
- Calculators in the Middle Grades, Grades 6–8
- Understanding Fractions through Games and Problem Solving, Grades 3–7
- Beyond Manipulatives: Helping Students Connect Tools to Symbols, Grades K–8
- Geometry Patterns in the Natural World, Grades K–12
- Likely or Not: Probability, Patterns, and Number Sense, Grades K–4
- Discrete Math, Grades K–12
- Amusement Park Math, Grades 5–8
- Differentiated Instruction, Grades K–5

Dr. Janet H. Caldwell

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Dr. Janet Caldwell is Professor Emeritus in the Department of Mathematics at Rowan University. While at Rowan, she was very active in professional development activities for teachers. She has served as Project Director of an Eisenhower Higher Education Professional Development Project and the South Jersey Mathematics, Computer, and Science Instructional Improvement Program.

Dr. Caldwell is also a past president of the Association of Mathematics Teachers of New Jersey, and she has served as Northeastern Director for the National Council of Supervisors of Mathematics. Her honors include the titles of Carnegie New Jersey Professor of the Year (1994–1995) and Max Sobel Outstanding Mathematics Educator (1994). She has also received the Distinguished Teaching Award for the New Jersey Section of the Mathematics Association of America for 2000.

She holds an M.A. in mathematics education and a Ph.D. in mathematics education research, both from the University of Pennsylvania.

Dr. Caldwell has published widely, contributing to books on mathematics education and to such publications as *The Journal for Research in Mathematics Education* and *Teaching Children Mathematics*. In addition, she is a coauthor of the New Jersey Mathematics Curriculum Framework. Dr. Caldwell has NCTM publications in the Essential Understandings series as well. She wrote both *Developing Essential Understanding of Multiplication and Division, Grades 3-5* and coauthored *Developing Essential Understanding of Addition and Subtraction, Grades PreK-2* with Jennifer Bay-Williams and Karen Karp for the series. Janet Caldwell was a member of the author team for *enVisionMATH Common Core*, and *enVisionMATH Common Core, Realize Edition*. She is currently an author of **enVision** Mathematics.