



ATTENTION NJ GEAR UP TARGET SCHOOLS

As our partner you are eligible for
FREE PROFESSIONAL DEVELOPMENT!

NJ Math Curriculum Network

NJ GEAR UP, in collaboration with The NJ Math Curriculum Network (NJMCN), is offering continuous professional development that supports effective teaching and learning of mathematics.

Training objectives include:

- A focus on Big Ideas to strengthen student understanding
- Demonstrate and discuss how graphing calculator technology supports the mathematics curriculum
- A focus on three curriculum themes: rational numbers, data analysis, and algebraic thinking
- Model and develop instructional strategies that support inquiry learning

This will be accomplished through:

- Intensive coaching during in-service meetings where teachers will have the opportunity to explore a small set of exercises implemented on the graphing calculator
- Observation classrooms that allow teachers to watch students during lessons that utilize both the organization of the curriculum around big ideas and specific instructional strategies (*ongoing support will be available for teachers who host an observation classroom*)
- Demonstration Classrooms (*for teachers that already hosted an observation classroom*) that allow teachers to lead lessons that utilize both the organization of the curriculum around big ideas and specific instructional strategies (*ongoing support will be available for teachers who host a demonstration classroom*)

Professional Development Hours will be provided (Provider #4706)

To schedule your district training or classroom visit, please contact
Kilpatry Cuesta at (609) 239-5240 or KilpatryCuesta@comcast.net

Workshop Leaders

Bill Crombie. Bill Crombie is a specialist in the use of graphing calculators and integrated instruction of mathematics and reading/writing literacy. He is the principal developer of the *Polynomial Calculus Curriculum Framework*, which develops the basic concepts, problems, and solutions of the elementary calculus within Algebra I, Geometry, and Algebra II course materials.

Angelo DeMattia. Recently retired as a math supervisor in the South Orange/Maplewood School District, Angelo DeMattia taught for 17 years in Elizabeth High School and served as an adjunct mathematics instructor at Kean University and Seton Hall University.

Marilyn Maye, Ed.D. Currently on the faculty of New Jersey City University, Marilyn Maye has a background in both mathematics education and educational leadership. She has taught math and has served as math consultant in New York City for grades K through 16. Formerly, she was assistant superintendent for curriculum and instruction in New Jersey.