



WARING SCHOOL

INVESTIGATIONS IN MIDDLE SCHOOL MATHEMATICS

JULY 5-29, 2011

Investigations in Middle School Mathematics is an opportunity for students to develop a better understanding and appreciation for a blend of topics in mathematics, including: number theory, geometry, logic, arithmetic and algebra.

Students will work both independently and collaboratively as problem-solvers in middle school mathematics. Students will engage in investigations that explore concepts, skills and processes in a variety of topics in mathematics and, in doing so, reinforce basic computation skills and deepen their conceptual understanding of the material. The curriculum is designed to serve needs of a variety of students. Among other focal points, the program will:

- **Encourage independent thinking**
- **Stimulate interest and achievement in mathematics**
- **Develop ability to reason logically**
- **Reinforce and refresh ability with basic skills**
- **Emphasize creative problem solving**
- **Integrate computational skills with calculator applications**

The program is a great opportunity for Waring students in CORE and Group 1 to strengthen their overall math skills and comprehension. Classes will be on Tuesday, Wednesday, and Thursday mornings from 8:30 to 11:30am in the Forum Building on the Waring campus. Instructors will include Waring Math faculty.

If you have any questions, please contact John C. Wigglesworth, Chair, Waring Math and Science Program: jcwiggs@waringschool.org

To sign up, please fill out, detach, and mail with a non-refundable 50% deposit (balance due June 21, 2011) to: John Wigglesworth (IMSM) 35 Standley St. Beverly, MA 01930

Name of student(s): _____

Address _____

Phone _____ **Grade:** _____ **Number of weeks:** _____ **Total \$:** _____

\$540/4 weeks, \$420/3 weeks, \$300/2 weeks. Costs includes materials and instruction. Checks payable to Waring School.