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Al Cuoco* (acuoco@edc.org), Center for Mathematics Education, EDC, Newton, MA 02458. *A partnership of mathematicians, teachers, and educators.*

Focus on Mathematics is an NSF-funded Mathematics and Science Partnership that is building a permanent mathematical community among mathematicians, teachers, and educators from four universities, EDC, and five Boston-area school districts. The partnership programs include courses and graduate programs, seminars, and intense immersion experiences in mathematics. This talk will describe the underlying philosophy of the partnership and some of the programs designed to implement that philosophy, including a six-week mathematics immersion experience (with roots in the Ross program) for prospective and practicing teachers and a program in which 20 mathematicians work with small groups of teachers in study groups devoted to mathematics. (Received August 25, 2006)