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02215-1789. *Building a Community of Mathematicians, Teachers, and Educators.*

Since 1991, Boston University's PROMYS program has engaged teachers for six week periods each summer in deep exploration of significant mathematical themes. Beginning in 2003, with NSF support, we built on the underlying PROMYS philosophy to create *Focus on Mathematics*, a 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 the 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 September 20, 2006)