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James R King* (king@math.washington.edu), University of Washington, Department of Mathematics, Box 354350, Seattle, WA 98195-4350. *Mathematicians and Teachers: From Summer Institutes to the School Year.*

In this presentation we will consider some different flavors of programs where mathematicians work with teachers: summer institutes, special courses and workshops, and programs inside the schools. This will include stories, lessons learned, and a few ideas. Much of this will be based on the experience of the Park City Mathematics Institute as it undertook a change from its traditional model to sponsor a Math/Science Partnership. (Received September 25, 2006)