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Walter I Seaman* (walter-seaman@uiowa.edu), Department of Mathematics, University of Iowa, Iowa City, IA 52242. *The SMARTS (Science and Mathematics Avenues to Renewed Teachers and Students) project.*

The University of Iowa College of Education and Mathematics Department, Grant Wood AEA science and mathematics consultants and 42 local K-6 teachers are involved in the 3 - year Iowa MSP p.d. project, SMARTS (Science and Mathematics Avenues to Renewed Teachers and Students). We will discuss the mathematics components of this project and how those have been used to inform and enhance our mathematics and pedagogy work with pre service and in service elementary teachers. (Received September 17, 2007)