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**Anant P Godbole\*** (godbolea@etsu.edu), ETSU Math Dept, Box 70663, Johnson City, TN 37604. *Mathematics and the TBR Teacher Preparation Collaborative*. Preliminary report.

In 2005, 9 two- and four- year colleges in Tennessee launched a \$1.25M three year NSF-ATE funded project called the “Tennessee Board of Regents (TBR) Teacher Preparation Collaborative,” an initiative with the following goals:(i) teaching 3 math and 4 science classes in standards driven, integrated fashion;(ii) improving the math and science training of future K-6 teachers through statewide collaboration and systemic change; and (iii) improving articulation agreements and advisement by requiring participating institutions to offer and require the same math and science classes. The TBR-wide approval of the AST degree has given special impetus to this component.

Individual campuses have launched efforts of their own, e.g., ETSU has created a high tech “Learning Habitat” in which the 7 classes would be taught, thus immersing prospective K-6 teachers in an intensive math and science environment.

The 3 math classes are titled (i) Logic, Geometry and Problem Solving; (ii) Number Concepts and Algebraic Structures; and (iii) Probability and Statistics, and between them go far beyond what is covered in the foundational courses for elementary teachers. They are driven by the MET report and state curricular frameworks. This talk will focus on these classes. (Received September 18, 2006)