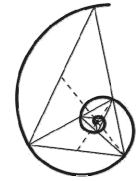




# Michigan Mathematics and Science Teacher Leadership Collaborative

## PHASE I ACCOMPLISHMENTS

July 1, 2006-December 31, 2007



Michigan  
Mathematics and  
Science Centers Network

**STATEWIDE PROJECT**

The Michigan Mathematics and Science Teacher Leadership Collaborative (MMSTLC) is a statewide partnership among the Michigan Mathematics and Science Center Network, Grand Valley State University, Saginaw Valley State University, The University of Michigan—Dearborn, The University of Michigan—Ann Arbor, and the Michigan Department of Education. The purpose of the collaborative is to develop a cadre of teacher leaders, establish collaborative working relationships among teacher leaders, administrators, math/science centers, and science, technology, engineering, and mathematics faculty, improve mathematics and science learning of students in targeted high needs schools, and increase capacities of math/science centers to sustain support for teacher leaders and high needs schools.

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- Creation of a partnership and plan to provide programs, services, and materials to build regional and local leadership
  - Establishment of a state level infrastructure to build capacities of:
    - regional mathematics and science centers to serve high needs schools
    - selected middle grade teachers to serve as teacher leaders in their schools and regions
    - administrators from at-risk schools to support teacher leaders
    - STEM faculty partnering with mathematics and science centers and high needs schools
  - Recruitment of the first cadre of eight Centers (Escanaba area, northern lower Michigan, Saginaw, Flint, Big Rapids area, Kalamazoo, Detroit, Oakland County). Each Center recruited a Core Team to support teacher leaders in one or more high needs schools. A total of 13 Center staff, 15 STEM faculty, 17 local school administrators, and 30 teacher leaders across all sites. Teacher leaders will be working with more than 100 mathematics and science teacher colleagues. More than 10,000 students in 17 schools will be served by teacher leaders and their colleagues
  - Provided 58 hours of state-level training for the Cadre I Core Teams in school-year workshops and summer institutes
  - Assignment of state-level coordinators to support core teams and provide customized technical assistance; more than 350 hours already provided
  - Creation of local plan by each Core Team to improve mathematics and/or science in participating at-risk, high-needs schools
  - Distribution of \$1.6 million to the eight Centers in Cadre I for the Core Teams work to build local capacities and support teacher leaders; plans for distributing \$2 million to the eleven Centers in Cadre II
  - Development and distribution of customized materials for use by Core Team members
  - Development of an evaluation plan to assess the effects of the program on Centers, Core Team members, teacher leaders, and teachers and students in participating schools
  - Recruitment of the Phase II cadre of eleven additional Centers; three days of state-level training already provided for the Core Team; customized technical assistance underway; plans underway for recruiting and training a cadre of teacher leaders.

For more information about MMSTLC, contact Walter Rathkamp at SVSU ([rathkamp@SVSU.edu](mailto:rathkamp@SVSU.edu) or 989-964-4117) or go to [MMSTLC.org](http://MMSTLC.org).