Three Year Goals for PRiSSM

1. A common vision for high quality secondary mathematics and science teaching and learning

- Leadership teams explore the nature of high quality mathematics and science teaching and learning and develop shared norms, beliefs, and values for working with students, with other teachers, and with the larger educational community
- Curriculum, instruction and assessment are aligned with state and national standards and coordinated within and between grade levels
- Administrators understand and support science and mathematics reform goals and programs

2. Improvement of Student Learning

- Participants explore the relationship between high expectations and high achievement, and commit to success for all students
- Teachers explore curricula, content, and pedagogical skills required for students to develop a deep understanding of science and/or mathematics
- Teachers learn to use a variety of tools and strategies for assessing their own personal practice as well as students understanding of science and/or mathematics
- Teachers access high quality professional development in areas of need

3. Professional Learning Communities (PLC)

- Leadership teams acquire the skills needed to establish and sustain building-based learning communities for all teachers of science and mathematics
- Leadership teams access student assessment data to analyze individual student achievement levels, disaggregate data, and analyze classroom, building, and district achievement data to inform goal setting and planning
- Collaborative teams of educators engage in inquiry about student learning
- Teacher leaders and coaches support colleagues in the implementation and/or refinement of teaching strategies designed to improve teaching and learning
- Knowledgeable and confident teachers use curriculum with integrity and fidelity

4. A Plan for Continuous Improvement

- Leadership teams use research and data to guide decision making and problem solving
- Individuals, schools and districts develop and commit to a 3-year plan for improving science and mathematics teaching
- Program evaluation is used to modify and adjust project activities and PLC plans
- Principal investigators and evaluators conduct research on the culture of change and its impact on student learning

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